

( Array Technologies has discontinued the small Tilt & Roll Tracker products.  
The T&R Product Line will continue to be supported for Warranty and Repair issues. )



**SOLAR TRACKERS FOR RESIDENTIAL GRID-TIE AND OFF-GRID APPLICATIONS**

( Please call Array Technologies for Utility Scale AZ & HZ Series Applications )

| AZ-125 Azimuth    |               |
|-------------------|---------------|
| APPROXIMATE SQ.FT | TYPICAL PRICE |
| Up to 125         | \$ 3,385.00   |

Dual-Axis is an \$525.00 option.

(Order the DA Option at tracker build time)

| AZ-225 Azimuth    |               |
|-------------------|---------------|
| APPROXIMATE SQ.FT | TYPICAL PRICE |
| Up to 170         | \$ 6,250.00   |
| 170+ to 190       | \$ 6,645.00   |
| 190+ to 225       | \$ 7,175.00   |

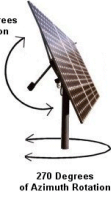
Dual-Axis is included.

**NOTE:** There are many smaller wattage modules not listed on our price sheet. We can rack nearly any size and quantity of PV modules. The industry trend is toward larger modules and fewer electrical connections. Please call us if we can be of assistance regarding your module of choice and application.

**AZ-125 Azimuth**



5 to 75 Degrees of Elevation



270 Degrees of Azimuth Rotation

**AZ-225 Azimuth**



**AZ-125 Applications:**

Grid-Tie  
Remote Home

**AZ-125 Notes:**

Max.capacity about 1800 W  
Mounts on a 6" ID SCH40 Steel Pipe

**AZ-225 Applications:**

Grid-Tie  
Remote Home

**AZ-225 Notes:**

Max.capacity over 3000 W  
Mounts on a 8" ID SCH40 or SCH80 Steel Pipe

**Mounting Mast Considerations**

AZ-125 Tracker mounts on a 6" ID SCH40 or SCH80 Steel Pipe  
AZ-225 Tracker mounts on a 8" ID SCH40 or SCH80 Steel Pipe

**NOTE:** Arrays on taller poles might require that the pipe diameter increases in size. Your welder will have to fabricate a reducer on the top of the large pipe. Please review the pipe mast discussion at the end of this document for details and the possibility of using a square steel tube for AZ-225 Installations.

**Pipe Mast Foundations**

Array Technologies can provide you general sizing recommendations to assist your foundation designer get through the process. Please review the foundation discussion at the end of this document.

**WARNING!**

Your mounting pipe size may be a larger diameter than standard. The array size, pipe height above ground and wind loading will dictate the size and strength of your mounting pipe. Please review the mounting pipe guidelines at the end of this document.

The array capacity is strictly governed by your choice of solar module. Tracker wattage capacity depends on module efficiencies and physical dimensions. Please see the discussion at the end of the document regarding tracker mounting pipe sizes. You are responsible for the proper mounting pipe and foundation.

Array Technologies reserves the right to void your tracker warranty if you mount your trackers on mounting poles taller than our recommendations.

Trackers on taller poles are subject to higher wind loading forces and can exceed our design criteria.

**Ordering: Typical Part Numbers for Wattsun Trackers:**

We manufacture two standard tracker models for residential sized systems.

| Model  | Capacity                | Tracking Method | Dual-Axis Option |
|--------|-------------------------|-----------------|------------------|
| AZ-125 | Up to 125 Sq Ft         | Single-Axis     | Yes              |
| AZ-225 | From 125 to 225 Sq. Ft. | Dual-Axis       | Included         |

(Dual-Axis is an "automatic tilt feature" to track the sun up and down in the sky.)

**SAMPLE ORDER PROCEDURE**


(Start with a "W", then add the "Manufacturer / Model", next the "Quantity", and finally an "S" or "D" for Single-Axis or Dual-Axis)


| ITEM            | DESCRIPTION  |
|-----------------|--|
| WSharp 175-08 S | Single-Axis AZ-125 Gear Drive Tracker for 8 Sharp 175's. |
| WDA Option      | Dual-Axis Option for AZ-125 Series Trackers.             |
| W48-42 LVC      | 48 V to 24 V DC Converter to power tracker controller    |


| ITEM            | DESCRIPTION  |
|-----------------|--|
| WSanyo 200-16 D | Dual-Axis AZ-225 Gear Drive Tracker for 16 Sanyo 200's |
| WMancon         | Manual Control Option. Override automatic tracking.    |
| WPSFR-SF24      | 230/115 VAC to 24 VDC power supply for Grid-Tie.       |




BP MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)

| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.bp.com/home.do?categoryId=1">http://www.bp.com/home.do?categoryId=1</a> |          |           |            |          |                     |  |                                |  |  |  |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|----------|---------------------|--|--------------------------------|--|--|--|
| BP Solar                | BP 3125      | 125           | 26.5       | 59.4          | 10.93          | 11.44          |   |          |           |            |          |                     |  |                                |  |  |  |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            |          | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft)  | Clearance to level Ground (Ft) |  |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |          |                     |  |                                |  |  |  |
| 8                       | \$3,385.00   | AZ-125        | Optional   | 1000          | 2              | 4              | Landscape   | 9.9      | 8.9       | 88.2       | 6"       | 5.8                 | 1.3  |                                |  |  |  |
| 10                      | \$3,385.00   | AZ-125        | Optional   | 1250          | 2              | 5              | Landscape   | 9.9      | 11.1      | 110.3      | 6"       | 6.9                 | 1.3  |                                |  |  |  |
| 12                      | \$6,250.00   | AZ-225        | Included   | 1500          | 3              | 4              | Landscape   | 14.9     | 8.9       | 132.4      | 8"       | 5.8                 | 1.3  |                                |  |  |  |
| 15                      | \$6,250.00   | AZ-225        | Included   | 1875          | 3              | 5              | Landscape   | 14.9     | 11.1      | 165.6      | 8"       | 6.9                 | 1.3  |                                |  |  |  |
| 20                      | \$7,175.00   | AZ-225        | Included   | 2500          | 4              | 5              | Landscape   | 19.9     | 11.1      | 220.9      | 8" SCH80 | 6.9                 | 1.3  |                                |  |  |  |

| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.bp.com/home.do?categoryId=1">http://www.bp.com/home.do?categoryId=1</a> |          |           |            |          |                     |  |                                |  |  |  |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|----------|---------------------|---|--------------------------------|--|--|--|
| BP Solar                | BP 4175      | 175           | 31.1       | 62.7          | 13.54          | 12.92          | (Also fits: BP 3160, BP 4160, BP 2150, BP 4170, BP 5170, BP SX 150 )                        |          |           |            |          |                     |   |                                |  |  |  |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            |          | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft)   | Clearance to level Ground (Ft) |  |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |          |                     |   |                                |  |  |  |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1050          | 2              | 3              | Landscape   | 10.5     | 7.8       | 81.8       | 6"       | 5.5                 | 1.6   |                                |  |  |  |
| 8                       | \$3,385.00   | AZ-125        | Optional   | 1400          | 2              | 4              | Landscape   | 10.5     | 10.4      | 109.2      | 6"       | 6.5                 | 1.3   |                                |  |  |  |
| 9                       | \$3,385.00   | AZ-125        | Optional   | 1575          | 3              | 3              | Landscape   | 15.7     | 7.8       | 122.8      | 6" SCH80 | 5.5                 | 1.6   |                                |  |  |  |
| 12                      | \$6,250.00   | AZ-225        | Included   | 2100          | 3              | 4              | Landscape   | 15.7     | 10.4      | 163.9      | 8"       | 6.5                 | 1.3   |                                |  |  |  |
| 15                      | \$7,175.00   | AZ-225        | Included   | 2625          | 3              | 5              | Landscape   | 15.7     | 13.0      | 204.9      | 8" SCH80 | 7.8                 | 1.3   |                                |  |  |  |
| 16                      | \$7,175.00   | AZ-225        | Included   | 2800          | 4              | 4              | Landscape   | 21.0     | 10.4      | 218.5      | 8" SCH80 | 6.5                 | 1.3   |                                |  |  |  |


| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.bp.com/home.do?categoryId=1">http://www.bp.com/home.do?categoryId=1</a> |          |           |            |          |                     |  |                                |  |  |  |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|----------|---------------------|---|--------------------------------|--|--|--|
| BP                      | BP SX 3200   | 200           | 32.95      | 66.14         | 15.13          | 13.22          | (Also fits: BP SX3195 )   |          |           |            |          |                     |   |                                |  |  |  |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            |          | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft)   | Clearance to level Ground (Ft) |  |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |          |                     |   |                                |  |  |  |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1200          | 2              | 3              | Landscape   | 11.0     | 8.3       | 91.4       | 6"       | 5.5                 | 1.4   |                                |  |  |  |
| 8                       | \$3,385.00   | AZ-125        | Optional   | 1600          | 2              | 4              | Landscape   | 11.0     | 11.0      | 122.0      | 6" SCH80 | 6.8                 | 1.3   |                                |  |  |  |
| 12                      | \$6,645.00   | AZ-225        | Included   | 2400          | 3              | 4              | Landscape   | 16.6     | 11.0      | 183.0      | 8"       | 6.8                 | 1.3   |                                |  |  |  |


| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.bp.com/home.do?categoryId=1">http://www.bp.com/home.do?categoryId=1</a> |          |           |            |          |                     |  |                                |  |  |  |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|----------|---------------------|---|--------------------------------|--|--|--|
| BP                      | BP 3230T     | 230           | 39.37      | 65.63         | 17.94          | 12.82          | (Note: Not compatible with BP3230N modules that have a tubular frame)                       |          |           |            |          |                     |   |                                |  |  |  |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            |          | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft)   | Clearance to level Ground (Ft) |  |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |          |                     |   |                                |  |  |  |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1380          | 2              | 3              | Landscape   | 11.0     | 9.9       | 108.3      | 6"       | 6.3                 | 1.3   |                                |  |  |  |
| 9                       | \$6,250.00   | AZ-225        | Included   | 2070          | 3              | 3              | Landscape   | 16.4     | 9.9       | 162.5      | 8"       | 6.3                 | 1.3   |                                |  |  |  |
| 12                      | \$7,175.00   | AZ-225        | Included   | 2760          | 3              | 4              | Landscape   | 16.4     | 13.2      | 216.8      | 8" SCH80 | 7.9                 | 1.3   |                                |  |  |  |

NOTE: TRACKER OPTIONS AND MOUNTING POLE CONSIDERATIONS ARE AT THE END OF THIS DOCUMENT. CALL = CONTACT ARRAY TECHNOLOGIES FOR DETAILS!  
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**CANADIAN SOLAR - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**


| Manufacturer                                    | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.csisolar.com/Documentation.asp">http://www.csisolar.com/Documentation.asp</a> |          |           |            |                     |  |                                |       |           |
|---|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|--|--------------------------------|-------|-----------|
| Canadian Solar                                  | CS5P-240     | 240           | 41.8       | 63.1          | 18.32          | 13.10          |   |          |           |            |                     |  |                                |       |           |
| (Also fits: CS5P 190 Watt to 230 watt modules.) |              |               |            |               |                |                |   |          |           |            |                     |  |                                |       |           |
| PV ARRAY SPECIFICATIONS                         |              |               |            |               |                |                |   |          |           |            |                     |  | SCH40                          | Array | Clearance |
| Number of Modules                               | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft)  | Clearance to level Ground (Ft) |       |           |
| 6   | \$3,385.00   | AZ-125        | Optional   | 1440          | 2              | 3              | Landscape   | 10.5     | 10.5      | 110.5      | 6"                  | 6.6  | 1.3                            |       |           |
| 9   | \$6,250.00   | AZ-225        | Included   | 2160          | 3              | 3              | Landscape   | 15.8     | 10.5      | 165.9      | 8"                  | 6.6  | 1.3                            |       |           |

| Manufacturer                                    | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.csisolar.com/Documentation.asp">http://www.csisolar.com/Documentation.asp</a> |          |           |            |                     |  |                                |       |           |
|---|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|---|--------------------------------|-------|-----------|
| Canadian Solar                                  | CS6P-240     | 240           | 38.7       | 64.5          | 17.33          | 13.85          |   |          |           |            |                     |   |                                |       |           |
| (Also fits: CS6P 190 Watt to 230 watt modules.) |              |               |            |               |                |                |   |          |           |            |                     |   |                                |       |           |
| PV ARRAY SPECIFICATIONS                         |              |               |            |               |                |                |   |          |           |            |                     |   | SCH40                          | Array | Clearance |
| Number of Modules                               | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft)   | Clearance to level Ground (Ft) |       |           |
| 6   | \$3,385.00   | AZ-125        | Optional   | 1440          | 2              | 3              | Landscape   | 10.8     | 9.7       | 104.6      | 6"                  | 6.2   | 1.3                            |       |           |
| 9   | \$6,250.00   | AZ-225        | Included   | 2160          | 3              | 3              | Landscape   | 16.2     | 9.7       | 157.0      | 8"                  | 6.2   | 1.3                            |       |           |
| 12  | \$7,175.00   | AZ-225        | Included   | 2880          | 3              | 4              | Landscape   | 16.2     | 13.0      | 209.5      | <b>8" SCH80</b>     | 8.3   | 1.8                            |       |           |

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**CENTROSOLAR MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010. (MODULES NOT INCLUDED)**

| Manufacturer            | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.centrosolar.com/">http://www.centrosolar.com/</a> |          |           |            |                     |                             |  |       |           |  |  |  |  |
|-------------------------|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|-----------------------------|--|-------|-----------|--|--|--|--|
| CentroSolar             | D-240        | 240           | 38.66     | 64.49         | 17.31          | 13.86          |   |          |           |            |                     |                             |  |       |           |  |  |  |  |
| PV ARRAY SPECIFICATIONS |              |               |           |               |                |                |   |          |           |            |                     |                             | SCH40  | Array | Clearance |  |  |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)   |       |           |  |  |  |  |
| 6                       | \$3,385.00   | AZ-125        | Optional  | 1380          | 2              | 3              | Landscape   | 10.8     | 9.7       | 104.5      | 6"                  | 6.2                         | 1.3  |       |           |  |  |  |  |
| 12                      | \$7,175.00   | AZ-225        | Included  | 2760          | 3              | 4              | Landscape   | 16.2     | 12.9      | 209.3      | <b>8" SCH80</b>     | 7.8                         | 1.3  |       |           |  |  |  |  |

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DAY4ENERGY INC - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)


| Manufacturer      | Module       | Watts         | Width (in) | Length (in)   | Sq Ft                   | W/Sq-Ft        | <a href="http://www.day4energy.com/">http://www.day4energy.com/</a> |          |           |            |                 |                       |  |           |  |  |  |  |  |
|-------------------|--------------|---------------|------------|---------------|-------------------------|----------------|---|----------|-----------|------------|-----------------|-----------------------|--|-----------|--|--|--|--|--|
| Day4Energy        | Day4 190     | 190           | 39.02      | 51.46         | 13.94                   | 13.63          | ( Also fits: Day4 48MC 155 Watt to 185 watt modules.)               |          |           |            |                 |                       |  |           |  |  |  |  |  |
|                   |              |               |            |               | PV ARRAY SPECIFICATIONS |                |   |          |           |            |                 | SCH40                 | Array  | Clearance |  |  |  |  |  |
| Number of Modules | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols          | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID   | Mounting Pole Ht (Ft) | to level Ground (Ft)   |           |  |  |  |  |  |
| 6                 | \$3,385.00   | AZ-125        | Optional   | 1140          | 2                       | 3              | Landscape   | 8.6      | 9.8       | 84.2       | 6"              | 6.2                   | 1.3  |           |  |  |  |  |  |
| 8                 | \$3,385.00   | AZ-125        | Optional   | 1520          | 2                       | 4              | Landscape   | 8.6      | 13.1      | 112.3      | 6"              | 7.8                   | 1.3  |           |  |  |  |  |  |
| 9                 | \$3,385.00   | AZ-125        | Optional   | 1710          | 3                       | 3              | Landscape   | 12.9     | 9.8       | 126.4      | <b>6" SCH80</b> | 6.2                   | 1.3  |           |  |  |  |  |  |
| 12                | \$6,250.00   | AZ-225        | Included   | 2280          | 3                       | 4              | Landscape   | 12.9     | 13.1      | 168.6      | 8"              | 7.8                   | 1.3  |           |  |  |  |  |  |
| 16                | \$7,175.00   | AZ-225        | Included   | 3040          | 4                       | 4              | Landscape   | 17.2     | 13.1      | 224.9      | <b>8" SCH80</b> | 8.3                   | 1.8  |           |  |  |  |  |  |

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 WE RESERVE THE RIGHT TO CHANGE PRICES AND TRACKER CONFIGURATIONS AT ANY TIME.

EVERGREEN MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)

| Manufacturer                        | Module       | Watts         | Width (in) | Length (in)             | Sq Ft          | W/Sq-Ft        | <a href="http://www.evergreensolar.com/">http://www.evergreensolar.com/</a> |          |           |            |               |                       |  |  |  |
|-------------------------------------|--------------|---------------|------------|-------------------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|--|--|--|
| Evergreen                           | EC 120       | 120           | 25.69      | 62.4                    | 11.13          | 10.78          |   |          |           |            |               |                       |  |  |  |
| ( Also fits: EC102, EC 110, EC115 ) |              |               |            |                         |                |                |   |          |           |            |               |                       |  |  |  |
|                                     |              |               |            | PV ARRAY SPECIFICATIONS |                |                |   |          |           |            | SCH40         | Array                 | Clearance  |  |  |
| Number of Modules                   | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts           | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft)   |  |  |
| 10                                  | \$3,385.00   | AZ-125        | Optional   | 1200                    | 2              | 5              | Landscape   | 10.4     | 10.8      | 112.4      | 6"            | 6.7                   | 1.3  |  |  |
| 12                                  | \$6,250.00   | AZ-225        | Included   | 1440                    | 3              | 4              | Landscape   | 15.6     | 8.6       | 134.9      | 8"            | 5.7                   | 1.4  |  |  |
| 15                                  | \$6,250.00   | AZ-225        | Included   | 1800                    | 3              | 5              | Landscape   | 15.6     | 10.8      | 168.7      | 8"            | 6.7                   | 1.3  |  |  |
| 18                                  | \$7,175.00   | AZ-225        | Included   | 2160                    | 3              | 6              | Landscape   | 15.6     | 12.9      | 202.5      | 8" SCH80      | 8.3                   | 1.8  |  |  |


| Manufacturer                  | Module       | Watts         | Width (in) | Length (in)             | Sq Ft          | W/Sq-Ft        | <a href="http://www.evergreensolar.com/">http://www.evergreensolar.com/</a> |          |           |            |               |                       |  |  |  |
|-------------------------------|--------------|---------------|------------|-------------------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|--|--|
| Evergreen                     | ES-195       | 195           | 37.5       | 61.8                    | 16.09          | 12.12          |   |          |           |            |               |                       |   |  |  |
| ( Also fits: ES-170, ES-180 ) |              |               |            |                         |                |                |   |          |           |            |               |                       |   |  |  |
|                               |              |               |            | PV ARRAY SPECIFICATIONS |                |                |   |          |           |            | SCH40         | Array                 | Clearance   |  |  |
| Number of Modules             | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts           | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft)  |  |  |
| 6                             | \$3,385.00   | AZ-125        | Optional   | 1170                    | 2              | 3              | Landscape   | 10.3     | 9.4       | 97.2       | 6"            | 6.0                   | 1.3   |  |  |
| 9                             | \$6,250.00   | AZ-225        | Included   | 1755                    | 3              | 3              | Landscape   | 15.5     | 9.4       | 145.8      | 8"            | 6.0                   | 1.3   |  |  |
| 12                            | \$7,175.00   | AZ-225        | Included   | 2340                    | 3              | 4              | Landscape   | 15.5     | 12.6      | 194.6      | 8" SCH80      | 7.6                   | 1.3   |  |  |

| Manufacturer               | Module       | Watts         | Width (in) | Length (in)             | Sq Ft          | W/Sq-Ft        | <a href="http://www.evergreensolar.com/">http://www.evergreensolar.com/</a> |          |           |            |               |                       |  |  |  |
|----------------------------|--------------|---------------|------------|-------------------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|--|--|
| Evergreen                  | ES-210       | 210           | 37.5       | 65                      | 16.93          | 12.41          |   |          |           |            |               |                       |   |  |  |
| ( Also fits: ES-205, 210 ) |              |               |            |                         |                |                |   |          |           |            |               |                       |   |  |  |
|                            |              |               |            | PV ARRAY SPECIFICATIONS |                |                |   |          |           |            | SCH40         | Array                 | Clearance   |  |  |
| Number of Modules          | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts           | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft)  |  |  |
| 6                          | \$3,385.00   | AZ-125        | Optional   | 1260                    | 2              | 3              | Landscape   | 10.9     | 9.4       | 102.2      | 6"            | 6.0                   | 1.3   |  |  |
| 9                          | \$6,250.00   | AZ-225        | Included   | 1890                    | 3              | 3              | Landscape   | 16.3     | 9.4       | 153.4      | 8"            | 6.0                   | 1.3   |  |  |
| 12                         | \$7,175.00   | AZ-225        | Included   | 2520                    | 3              | 4              | Landscape   | 16.3     | 12.6      | 204.6      | 8" SCH80      | 7.6                   | 1.3   |  |  |


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ET SOLAR MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)


| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.etsolar.com/">http://www.etsolar.com/</a>                      |          |           |            |               |                       |                      |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|--|----------|-----------|------------|---------------|-----------------------|----------------------|
| ET solar                | ET-P654215   | 215           | 39.1       | 58.4          | 15.86          | 13.56          |  |          |           |            |               |                       |                      |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |  |          |           |            | SCH40         | Array                 | Clearance            |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation   | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft) |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1290          | 2              | 3              | Landscape  | 9.8      | 9.8       | 95.6       | 6"            | 6.2                   | 1.3                  |
| 8                       | \$6,250.00   | AZ-225        | Included   | 1720          | 2              | 4              | Landscape  | 9.8      | 13.1      | 127.6      | 8"            | 7.8                   | 1.3                  |
| 9                       | \$6,645.00   | AZ-225        | Included   | 1935          | 3              | 3              | Landscape  | 14.6     | 9.8       | 143.5      | 8"            | 6.2                   | 1.3                  |
| 12                      | \$7,175.00   | AZ-225        | Included   | 2580          | 3              | 4              | Landscape  | 14.6     | 13.1      | 191.5      | 8" SCH80      | 7.8                   | 1.3                  |


( Also fit: ET-654 190-210W modules)


| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.etsolar.com/">http://www.etsolar.com/</a>                       |          |           |            |               |                       |                      |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|----------------------|
| ET solar                | ET-P672280   | 280           | 39.1       | 77            | 20.91          | 13.39          |  |          |           |            |               |                       |                      |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            | SCH40         | Array                 | Clearance            |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft) |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1680          | 2              | 3              | Landscape   | 12.9     | 9.8       | 126.0      | 6" SCH80      | 6.2                   | 1.3                  |
| 8                       | \$6,250.00   | AZ-225        | Included   | 2240          | 2              | 4              | Landscape   | 12.9     | 13.1      | 168.1      | 8"            | 7.8                   | 1.3                  |
| 9                       | \$6,645.00   | AZ-225        | Included   | 2520          | 3              | 3              | Landscape   | 19.3     | 9.8       | 189.1      | 8" SCH80      | 6.2                   | 1.3                  |


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GE MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)

| Manufacturer  | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.gepower.com/prod_serv/products/solar/">http://www.gepower.com/prod_serv/products/solar/</a> |          |           |            |               |  |                      |  |  |
|---|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|--|----------------------|--|--|
| GE Energy   | GEPV-110     | 110           | 26         | 58.1          | 10.49          | 10.49          |   |          |           |            |               |  |                      |  |  |
| ( Also fits: GEPV-100, Old AstroPower AP120, AP110, AP100 ) |              |               |            |               |                |                |   |          |           |            |               |  |                      |  |  |
| PV ARRAY SPECIFICATIONS                                     |              |               |            |               |                |                |   |          |           |            | SCH40         | Array  | Clearance            |  |  |
| Number of Modules   | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft)  | to level Ground (Ft) |  |  |
| 10  | \$3,385.00   | AZ-125        | Optional   | 1100          | 2              | 5              | Landscape   | 9.7      | 10.9      | 105.9      | 6"            | 6.8  | 1.3                  |  |  |
| 15  | \$6,250.00   | AZ-225        | Included   | 1650          | 3              | 5              | Landscape   | 14.6     | 10.9      | 159.0      | 8"            | 6.8  | 1.3                  |  |  |
| 20  | \$7,175.00   | AZ-225        | Included   | 2200          | 4              | 5              | Landscape   | 19.4     | 10.9      | 212.0      | 8" SCH80      | 6.8  | 1.3                  |  |  |

| Manufacturer  | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.gepower.com/prod_serv/products/solar/">http://www.gepower.com/prod_serv/products/solar/</a> |          |           |            |               |  |                      |  |  |
|---|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|---|----------------------|--|--|
| GE Energy   | GEPV-130     | 130           | 26.2       | 58.5          | 10.64          | 12.21          |   |          |           |            |               |   |                      |  |  |
| ( Also fits: GEPV-100, Old AstroPower AP120, AP110, AP100 ) |              |               |            |               |                |                |   |          |           |            |               |   |                      |  |  |
| PV ARRAY SPECIFICATIONS                                     |              |               |            |               |                |                |   |          |           |            | SCH40         | Array   | Clearance            |  |  |
| Number of Modules   | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft)   | to level Ground (Ft) |  |  |
| 6   | \$3,385.00   | AZ-125        | Optional   | 780           | 2              | 3              | Landscape   | 9.8      | 6.6       | 64.4       | 6"            | 5.5   | 2.2                  |  |  |
| 8   | \$3,385.00   | AZ-125        | Optional   | 1040          | 2              | 4              | Landscape   | 9.8      | 8.8       | 85.9       | 6"            | 5.7   | 1.4                  |  |  |
| 10  | \$3,385.00   | AZ-125        | Optional   | 1300          | 2              | 5              | Landscape   | 9.8      | 11.0      | 107.4      | 6"            | 6.8   | 1.3                  |  |  |
| 15  | \$6,250.00   | AZ-225        | Included   | 1950          | 3              | 5              | Landscape   | 14.7     | 11.0      | 161.3      | 8"            | 6.8   | 1.3                  |  |  |
| 20  | \$7,175.00   | AZ-225        | Included   | 2600          | 4              | 5              | Landscape   | 19.6     | 11.0      | 215.1      | 8" SCH80      | 6.8   | 1.3                  |  |  |

| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.gepower.com/prod_serv/products/solar/">http://www.gepower.com/prod_serv/products/solar/</a> |          |           |            |               |  |                      |  |  |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|---|----------------------|--|--|
| GE Energy               | GEPV-173     | 173           | 38.4       | 58.1          | 15.49          | 11.17          |   |          |           |            |               |   |                      |  |  |
| ( Also fits: GEPV-165 ) |              |               |            |               |                |                |   |          |           |            |               |   |                      |  |  |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            | SCH40         | Array   | Clearance            |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft)   | to level Ground (Ft) |  |  |
| 4                       | \$3,385.00   | AZ-125        | Optional   | 692           | 2              | 2              | Landscape   | 9.7      | 6.4       | 62.3       | 6"            | 5.5   | 2.3                  |  |  |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1038          | 2              | 3              | Landscape   | 9.7      | 9.6       | 93.5       | 6"            | 6.2   | 1.3                  |  |  |
| 8                       | \$3,385.00   | AZ-125        | Optional   | 1384          | 2              | 4              | Portrait  | 9.7      | 12.9      | 124.8      | 6" SCH80      | 7.7   | 1.3                  |  |  |
| 9                       | \$6,250.00   | AZ-225        | Included   | 1557          | 3              | 3              | Landscape   | 14.6     | 9.6       | 140.4      | 8"            | 6.2   | 1.3                  |  |  |
| 12                      | \$6,645.00   | AZ-225        | Included   | 2076          | 3              | 4              | Landscape   | 14.6     | 12.9      | 187.3      | 8" SCH80      | 8.3   | 1.9                  |  |  |


| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.gepower.com/prod_serv/products/solar/">http://www.gepower.com/prod_serv/products/solar/</a> |          |           |            |               |  |                      |  |  |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|---|----------------------|--|--|
| GE Energy               | GEPV-200     | 200           | 38.6       | 58.5          | 15.68          | 12.75          |   |          |           |            |               |   |                      |  |  |
| ( Also fits: GEPV-185 ) |              |               |            |               |                |                |   |          |           |            |               |   |                      |  |  |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            | SCH40         | Array   | Clearance            |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft)   | to level Ground (Ft) |  |  |
| 4                       | \$3,385.00   | AZ-125        | Optional   | 800           | 2              | 2              | Landscape   | 9.8      | 6.5       | 63.0       | 6"            | 5.5   | 2.3                  |  |  |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1200          | 2              | 3              | Landscape   | 9.8      | 9.7       | 94.7       | 6"            | 6.2   | 1.3                  |  |  |
| 9                       | \$6,250.00   | AZ-225        | Included   | 1800          | 3              | 3              | Landscape   | 14.7     | 9.7       | 142.1      | 8"            | 6.2   | 1.3                  |  |  |
| 12                      | \$7,175.00   | AZ-225        | Included   | 2400          | 3              | 4              | Landscape   | 14.7     | 12.9      | 189.6      | 8" SCH80      | 8.3   | 1.8                  |  |  |


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**KYOCERA MODULES - WATSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**


(KC Series)


| Manufacturer                | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.kyocerasolar.com/">http://www.kyocerasolar.com/</a> |          |           |            |               |                       |  |  |  |
|-----------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|--|--|--|
| Kyocera                     | KC130        | 130           | 25.67      | 56.1          | 10.00          | 13.00          |   |          |           |            |               |                       |  |  |  |
| ( Also fits: KC120, KC125 ) |              |               |            |               |                |                |   |          |           |            |               |                       |  |  |  |
| PV ARRAY SPECIFICATIONS     |              |               |            |               |                |                |   |          |           |            | SCH40         | Array                 | Clearance  |  |  |
| Number of Modules           | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)   |  |  |
| 8                           | \$3,385.00   | AZ-125        | Optional   | 1040          | 2              | 4              | Landscape   | 9.4      | 8.6       | 80.7       | 6"            | 5.7                   | 1.4  |  |  |
| 10                          | \$3,385.00   | AZ-125        | Optional   | 1300          | 2              | 5              | Landscape   | 9.4      | 10.8      | 101.0      | 6"            | 6.7                   | 1.3  |  |  |
| 12                          | \$3,385.00   | AZ-125        | Optional   | 1560          | 3              | 4              | Landscape   | 14.1     | 8.6       | 121.2      | 6" SCH80      | 5.7                   | 1.4  |  |  |
| 15                          | \$6,250.00   | AZ-225        | Included   | 1950          | 3              | 5              | Landscape   | 14.1     | 10.8      | 151.6      | 8"            | 6.7                   | 1.3  |  |  |
| 16                          | \$6,250.00   | AZ-225        | Included   | 2080          | 4              | 4              | Landscape   | 18.8     | 8.6       | 161.6      | 8"            | 5.7                   | 1.4  |  |  |
| 18                          | \$6,645.00   | AZ-225        | Included   | 2340          | 3              | 6              | Landscape   | 14.1     | 12.9      | 181.9      | 8"            | 7.6                   | 1.1  |  |  |
| 20                          | \$7,175.00   | AZ-225        | Included   | 2600          | 4              | 5              | Landscape   | 18.8     | 10.8      | 202.2      | 8" SCH80      | 6.8                   | 1.4  |  |  |


| Manufacturer                | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.kyocerasolar.com/">http://www.kyocerasolar.com/</a> |          |           |            |               |                       |  |  |  |
|-----------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|--|--|
| Kyocera                     | KC175        | 175           | 39         | 50.8          | 13.76          | 12.72          |   |          |           |            |               |                       |   |  |  |
| ( Also fits: KC158, KC167 ) |              |               |            |               |                |                |   |          |           |            |               |                       |   |  |  |
| PV ARRAY SPECIFICATIONS     |              |               |            |               |                |                |   |          |           |            | SCH40         | Array                 | Clearance   |  |  |
| Number of Modules           | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)  |  |  |
| 6                           | \$3,385.00   | AZ-125        | Optional   | 1050          | 2              | 3              | Landscape   | 8.5      | 9.8       | 83.1       | 6"            | 6.2                   | 1.3   |  |  |
| 9                           | \$3,385.00   | AZ-125        | Optional   | 1575          | 3              | 3              | Landscape   | 12.7     | 9.8       | 124.7      | 6" SCH80      | 6.2                   | 1.3   |  |  |
| 12                          | \$6,250.00   | AZ-225        | Included   | 2100          | 3              | 4              | Landscape   | 12.7     | 13.1      | 166.4      | 8"            | 7.8                   | 1.3   |  |  |
| 16                          | \$7,175.00   | AZ-225        | Included   | 2800          | 4              | 4              | Landscape   | 17.0     | 13.1      | 221.9      | 8" SCH80      | 7.8                   | 1.3   |  |  |


| Manufacturer                | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.kyocerasolar.com/">http://www.kyocerasolar.com/</a> |          |           |            |               |                       |  |  |  |
|-----------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|--|--|
| Kyocera                     | KC200        | 200           | 39         | 56.2          | 15.22          | 13.14          |   |          |           |            |               |                       |   |  |  |
| ( Also fits: KC187, KC190 ) |              |               |            |               |                |                |   |          |           |            |               |                       |   |  |  |
| PV ARRAY SPECIFICATIONS     |              |               |            |               |                |                |   |          |           |            | SCH40         | Array                 | Clearance   |  |  |
| Number of Modules           | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)  |  |  |
| 4                           | \$3,385.00   | AZ-125        | Optional   | 800           | 2              | 2              | Landscape   | 9.4      | 6.5       | 61.2       | 6"            | 5.5                   | 2.2   |  |  |
| 6                           | \$3,385.00   | AZ-125        | Optional   | 1200          | 2              | 3              | Landscape   | 9.4      | 9.8       | 91.9       | 6"            | 6.2                   | 1.3   |  |  |
| 8                           | \$3,385.00   | AZ-125        | Optional   | 1600          | 2              | 4              | Landscape   | 9.4      | 13.1      | 122.6      | 6" SCH80      | 7.8                   | 1.3   |  |  |
| 9                           | \$6,250.00   | AZ-225        | Included   | 1800          | 3              | 3              | Landscape   | 14.1     | 9.8       | 137.9      | 8"            | 6.2                   | 1.3   |  |  |
| 12                          | \$6,645.00   | AZ-225        | Included   | 2400          | 3              | 4              | Landscape   | 14.1     | 13.1      | 184.0      | 8"            | 7.8                   | 1.3   |  |  |

(KD Series: The KD135, KD180 & KD205. KD210 are new modules in 2008 and have different frame dimensions than the KC-Series.)

| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.kyocerasolar.com/">http://www.kyocerasolar.com/</a> |          |           |            |               |                       |  |  |  |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|--|--|
| Kyocera                 | KD135        | 135           | 26.3       | 59.1          | 10.79          | 12.51          |   |          |           |            |               |                       |   |  |  |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            | SCH40         | Array                 | Clearance   |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)  |  |  |
| 8                       | \$3,385.00   | AZ-125        | Optional   | 1080          | 2              | 4              | Landscape   | 9.9      | 8.8       | 87.1       | 6"            | 5.8                   | 1.3   |  |  |
| 10                      | \$3,385.00   | AZ-125        | Optional   | 1350          | 2              | 5              | Landscape   | 9.9      | 11.0      | 108.9      | 6"            | 6.8                   | 1.3   |  |  |
| 15                      | \$6,250.00   | AZ-225        | Included   | 2025          | 3              | 5              | Landscape   | 14.8     | 11.0      | 163.5      | 8"            | 6.8                   | 1.3   |  |  |
| 16                      | \$6,645.00   | AZ-225        | Included   | 2160          | 4              | 4              | Landscape   | 19.8     | 8.8       | 174.4      | 8"            | 5.8                   | 1.3   |  |  |
| 20                      | \$7,175.00   | AZ-225        | Included   | 2700          | 4              | 5              | Landscape   | 19.8     | 11.0      | 218.1      | 8" SCH80      | 6.8                   | 1.3   |  |  |

| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.kyocerasolar.com/">http://www.kyocerasolar.com/</a> |          |           |            |               |                       |  |  |  |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|--|--|
| Kyocera                 | KD185        | 180           | 39         | 52.8          | 14.30          | 12.59          |   |          |           |            |               |                       |   |  |  |
| ( Also fits KD180 )     |              |               |            |               |                |                |   |          |           |            |               |                       |   |  |  |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            | SCH40         | Array                 | Clearance   |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)  |  |  |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1110          | 2              | 3              | Landscape   | 8.8      | 9.8       | 86.3       | 6"            | 6.2                   | 1.3   |  |  |
| 8                       | \$3,385.00   | AZ-125        | Optional   | 1480          | 2              | 4              | Landscape   | 8.8      | 13.1      | 115.2      | 6"            | 7.8                   | 1.3   |  |  |
| 12                      | \$6,645.00   | AZ-225        | Included   | 2220          | 3              | 4              | Landscape   | 13.2     | 13.1      | 172.9      | 8"            | 7.8                   | 1.3   |  |  |
| 16                      | \$7,175.00   | AZ-225        | Included   | 2960          | 4              | 4              | Landscape   | 17.7     | 13.1      | 230.6      | 8" SCH80      | 7.8                   | 1.3   |  |  |


| Manufacturer               | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.kyocerasolar.com/">http://www.kyocerasolar.com/</a> |          |           |            |               |                       |  |  |  |
|----------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|--|--|
| Kyocera                    | KD215        | 215           | 39         | 59.1          | 16.01          | 13.43          |   |          |           |            |               |                       |   |  |  |
| ( Also fits KD205, KD210 ) |              |               |            |               |                |                |   |          |           |            |               |                       |   |  |  |
| PV ARRAY SPECIFICATIONS    |              |               |            |               |                |                |   |          |           |            | SCH40         | Array                 | Clearance   |  |  |
| Number of Modules          | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)  |  |  |
| 8                          | \$3,385.00   | AZ-125        | Optional   | 1720          | 2              | 4              | Landscape   | 9.9      | 13.1      | 128.9      | 6" SCH 80     | 7.8                   | 1.3   |  |  |
| 12                         | \$7,175.00   | AZ-225        | Included   | 2580          | 3              | 4              | Landscape   | 14.8     | 13.1      | 193.5      | 8" SCH80      | 7.8                   | 1.3   |  |  |


| Manufacturer               | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.kyocerasolar.com/">http://www.kyocerasolar.com/</a> |          |           |            |               |                       |  |  |  |
|----------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|--|--|
| Kyocera                    | KD235        | 235           | 39         | 65.4          | 17.71          | 13.27          |   |          |           |            |               |                       |   |  |  |
| ( Also fits KD205, KD210 ) |              |               |            |               |                |                |   |          |           |            |               |                       |   |  |  |
| PV ARRAY SPECIFICATIONS    |              |               |            |               |                |                |   |          |           |            | SCH40         | Array                 | Clearance   |  |  |
| Number of Modules          | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)  |  |  |
| 6                          | \$3,385.00   | AZ-125        | Optional   | 1410          | 2              | 3              | Landscape   | 10.9     | 9.8       | 106.9      | 6"            | 6.2                   | 1.3   |  |  |
| 9                          | \$6,250.00   | AZ-225        | Included   | 2115          | 3              | 3              | Landscape   | 16.4     | 9.8       | 160.5      | 8"            | 6.2                   | 1.3   |  |  |
| 12                         | \$7,175.00   | AZ-225        | Included   | 2820          | 3              | 4              | Landscape   | 16.4     | 13.1      | 214.1      | 8" SCH80      | 7.8                   | 1.3   |  |  |

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MAGE MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)


| Manufacturer                               | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://magesolar.com/">http://magesolar.com/</a> |          |           |            |                     |                             |  |  |  |  |
|--|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|-----------------------------|--|--|--|--|
| Mage                                       | 185/5MJ      | 185           | 31.81      | 62.2          | 13.74          | 13.46          |   |          |           |            |                     |                             |  |  |  |  |
| ( Also fits 175,180/5MJ & 170,175,180/ME ) |              |               |            |               |                |                |   |          |           |            |                     |                             |  |  |  |  |
| PV ARRAY SPECIFICATIONS                    |              |               |            |               |                |                |   |          |           |            | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)   |  |  |  |
| Number of Modules                          | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |                     |                             |  |  |  |  |
| 6  | \$3,385.00   | AZ-125        | Optional   | 1110          | 2              | 3              | Landscape   | 10.4     | 8.0       | 83.0       | 6"                  | 5.5                         | 1.5  |  |  |  |
| 8  | \$3,385.00   | AZ-125        | Optional   | 1480          | 2              | 4              | Landscape   | 10.4     | 10.7      | 110.8      | 6"                  | 6.6                         | 1.3  |  |  |  |
| 9  | \$3,385.00   | AZ-125        | Optional   | 1665          | 3              | 3              | Landscape   | 15.6     | 8.0       | 124.6      | 6" SCH80            | 5.5                         | 1.5  |  |  |  |
| 12   | \$6,250.00   | AZ-225        | Included   | 2220          | 3              | 4              | Landscape   | 15.6     | 10.7      | 166.2      | 8"                  | 6.6                         | 1.3  |  |  |  |
| 16   | \$7,175.00   | AZ-225        | Included   | 2960          | 4              | 4              | Landscape   | 20.8     | 10.7      | 221.7      | 8" SCH80            | 6.6                         | 1.3  |  |  |  |


| Manufacturer              | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://magesolar.com/">http://magesolar.com/</a> |          |           |            |                     |                             |  |  |  |  |
|---------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|-----------------------------|---|--|--|--|
| Mage                      | 230/6PJ      | 230           | 39.05      | 65.16         | 17.67          | 13.02          |   |          |           |            |                     |                             |   |  |  |  |
| ( Also fits 220,225/6PJ ) |              |               |            |               |                |                |   |          |           |            |                     |                             |   |  |  |  |
| PV ARRAY SPECIFICATIONS   |              |               |            |               |                |                |   |          |           |            | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)  |  |  |  |
| Number of Modules         | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |                     |                             |   |  |  |  |
| 6                         | \$3,385.00   | AZ-125        | Optional   | 1380          | 2              | 3              | Landscape   | 10.9     | 9.8       | 106.7      | 6"                  | 6.2                         | 1.3   |  |  |  |
| 12                        | \$7,175.00   | AZ-225        | Included   | 2760          | 3              | 4              | Landscape   | 16.3     | 13.1      | 213.5      | 8" SCH80            | 7.8                         | 1.3   |  |  |  |


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**MITSUBISHI MODULES - August 2018 RETAIL PRICE LIST - August 2018 (MODULES NOT INCLUDED)**

| Manufacturer      | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://global.mitsubishielectric.com/bu/solar/index.hi">http://global.mitsubishielectric.com/bu/solar/index.hi</a> |          |           |            |                 |                       |  |       |       |           |  |  |  |  |  |
|-------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|-----------------|-----------------------|--|-------|-------|-----------|--|--|--|--|--|
| Mitsubishi        | PV-MF120     | 120           | 25.4       | 56.1          | 9.90           | 12.13          |   |          |           |            |                 |                       |  |       |       |           |  |  |  |  |  |
|                   |              |               |            |               |                |                | PV ARRAY SPECIFICATIONS   |          |           |            |                 |                       |  | SCH40 | Array | Clearance |  |  |  |  |  |
| Number of Modules | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID   | Mounting Pole Ht (Ft) | to level Ground (Ft)   |       |       |           |  |  |  |  |  |
| 10                | \$3,385.00   | AZ-125        | Optional   | 1200          | 2              | 5              | Landscape   | 9.4      | 10.7      | 99.9       | 6"              | 6.6                   | 1.3  |       |       |           |  |  |  |  |  |
| 12                | \$3,385.00   | AZ-125        | Optional   | 1440          | 3              | 4              | Landscape   | 14.1     | 8.5       | 119.9      | 6"              | 5.6                   | 1.4  |       |       |           |  |  |  |  |  |
| 15                | \$6,250.00   | AZ-225        | Included   | 1800          | 3              | 5              | Landscape   | 14.1     | 10.7      | 150.0      | 8"              | 6.6                   | 1.3  |       |       |           |  |  |  |  |  |
| 16                | \$6,250.00   | AZ-225        | Included   | 1920          | 4              | 4              | Landscape   | 18.8     | 8.5       | 160.0      | 8"              | 5.6                   | 1.4  |       |       |           |  |  |  |  |  |
| 18                | \$6,645.00   | AZ-225        | Included   | 2160          | 3              | 6              | Landscape   | 14.1     | 12.8      | 180.0      | 8"              | 7.6                   | 1.2  |       |       |           |  |  |  |  |  |
| 20                | \$7,175.00   | AZ-225        | Included   | 2400          | 4              | 5              | Landscape   | 18.8     | 10.7      | 200.0      | <b>8" SCH80</b> | 6.9                   | 1.6  |       |       |           |  |  |  |  |  |

| Manufacturer      | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://global.mitsubishielectric.com/bu/solar/index.hi">http://global.mitsubishielectric.com/bu/solar/index.hi</a> |          |           |            |               |                       |  |       |       |           |  |  |  |  |  |
|-------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|-------|-------|-----------|--|--|--|--|--|
| Mitsubishi        | PV-MF130     | 130           | 31.6       | 49.1          | 10.77          | 12.07          |   |          |           |            |               |                       |   |       |       |           |  |  |  |  |  |
| (Older module)    |              |               |            |               |                |                | PV ARRAY SPECIFICATIONS   |          |           |            |               |                       |   | SCH40 | Array | Clearance |  |  |  |  |  |
| Number of Modules | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft)  |       |       |           |  |  |  |  |  |
| 8                 | \$3,385.00   | AZ-125        | Optional   | 1040          | 2              | 4              | Landscape   | 8.2      | 10.6      | 86.9       | 6"            | 6.6                   | 1.3   |       |       |           |  |  |  |  |  |
| 9                 | \$3,385.00   | AZ-125        | Optional   | 1170          | 3              | 3              | Landscape   | 12.3     | 7.9       | 97.8       | 6"            | 5.5                   | 1.5   |       |       |           |  |  |  |  |  |
| 16                | \$6,645.00   | AZ-225        | Included   | 2080          | 4              | 4              | Landscape   | 16.4     | 10.6      | 174.0      | 8"            | 6.9                   | 1.6   |       |       |           |  |  |  |  |  |

| Manufacturer   | Module       | Watts  | Width (in) | Length (in) | Sq Ft | W/Sq-Ft | <a href="http://global.mitsubishielectric.com/bu/solar/index.hi">http://global.mitsubishielectric.com/bu/solar/index.hi</a> |              |               |           |                 |                |  |                    |          |           |            |               |                       |                      |  |
|--|--------------|--------|------------|-------------|-------|---------|---|--------------|---------------|-----------|-----------------|----------------|---|--------------------|----------|-----------|------------|---------------|-----------------------|----------------------|--|
| Mitsubishi   | PV-UE130MF5N | 130    | 26.5       | 58.9        | 10.84 | 11.99   |   |              |               |           |                 |                |   |                    |          |           |            |               |                       |                      |  |
| (Also Fits: PV-MF125UE4N - PV-UE125MF5N to PVUE115MF5N & 125/130 EB4 Series) |              |        |            |             |       |         | PV ARRAY SPECIFICATIONS   |              |               |           |                 |                |   | SCH40              | Array    | Clearance |            |               |                       |                      |  |
| (Also Fits: PV-EE115MF5F to PV-EE130MF5F)                                    |              |        |            |             |       |         | Number of Modules   | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts   | Number of Cols | Number of Rows  | Module Orientation | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft) |  |
| 8  | \$3,385.00   | AZ-125 | Optional   | 1040        | 2     | 4       | Landscape   | 9.8          | 8.9           | 87.5      | 6"              | 5.8            | 1.3   |                    |          |           |            |               |                       |                      |  |
| 9  | \$3,385.00   | AZ-125 | Optional   | 1170        | 3     | 3       | Landscape   | 14.8         | 6.7           | 98.4      | 6"              | 5.5            | 2.2   |                    |          |           |            |               |                       |                      |  |
| 10   | \$3,385.00   | AZ-125 | Optional   | 1300        | 2     | 5       | Landscape   | 9.8          | 11.1          | 109.4     | 6"              | 6.9            | 1.3   |                    |          |           |            |               |                       |                      |  |
| 15   | \$6,250.00   | AZ-225 | Included   | 1950        | 3     | 5       | Landscape   | 14.8         | 11.1          | 164.2     | 8"              | 6.9            | 1.3   |                    |          |           |            |               |                       |                      |  |
| 16   | \$6,645.00   | AZ-225 | Included   | 2080        | 4     | 4       | Landscape   | 19.7         | 8.9           | 175.1     | 8"              | 5.8            | 1.3   |                    |          |           |            |               |                       |                      |  |
| 20   | \$7,175.00   | AZ-225 | Included   | 2600        | 4     | 5       | Landscape   | 19.7         | 11.1          | 219.0     | <b>8" SCH80</b> | 6.9            | 1.3   |                    |          |           |            |               |                       |                      |  |


| Manufacturer  | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://global.mitsubishielectric.com/bu/solar/index.hi">http://global.mitsubishielectric.com/bu/solar/index.hi</a> |          |           |            |                 |                       |  |       |       |           |  |  |  |  |  |
|---|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|-----------------|-----------------------|---|-------|-------|-----------|--|--|--|--|--|
| Mitsubishi  | PV-MF170     | 170           | 31.5       | 62.2          | 13.61          | 12.49          |   |          |           |            |                 |                       |   |       |       |           |  |  |  |  |  |
| (PV-MF170EB3, EB4 Series - Different dimensions than the PV-UD170MF listed in the next table) |              |               |            |               |                |                | PV ARRAY SPECIFICATIONS   |          |           |            |                 |                       |   | SCH40 | Array | Clearance |  |  |  |  |  |
| Number of Modules   | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID   | Mounting Pole Ht (Ft) | to level Ground (Ft)  |       |       |           |  |  |  |  |  |
| 6   | \$3,385.00   | AZ-125        | Optional   | 1020          | 2              | 3              | Landscape   | 10.4     | 7.9       | 82.2       | 6"              | 5.5                   | 1.5   |       |       |           |  |  |  |  |  |
| 8   | \$3,385.00   | AZ-125        | Optional   | 1360          | 2              | 4              | Landscape   | 10.4     | 10.6      | 109.7      | 6"              | 6.6                   | 1.3   |       |       |           |  |  |  |  |  |
| 9   | \$3,385.00   | AZ-125        | Optional   | 1530          | 3              | 3              | Landscape   | 15.6     | 7.9       | 123.4      | <b>6" SCH80</b> | 5.5                   | 1.5   |       |       |           |  |  |  |  |  |
| 12  | \$6,250.00   | AZ-225        | Included   | 2040          | 3              | 4              | Landscape   | 15.6     | 10.6      | 164.6      | 8"              | 6.6                   | 1.3   |       |       |           |  |  |  |  |  |
| 16  | \$7,175.00   | AZ-225        | Included   | 2720          | 4              | 4              | Landscape   | 20.8     | 10.6      | 219.6      | <b>8" SCH80</b> | 6.6                   | 1.3   |       |       |           |  |  |  |  |  |

| Manufacturer   | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://global.mitsubishielectric.com/bu/solar/index.hi">http://global.mitsubishielectric.com/bu/solar/index.hi</a> |          |           |            |               |                       |  |       |       |           |  |  |  |  |  |
|--|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|-------|-------|-----------|--|--|--|--|--|
| Mitsubishi   | PV-UD190MF5  | 190           | 32.8       | 65.3          | 14.87          | 12.77          |   |          |           |            |               |                       |   |       |       |           |  |  |  |  |  |
| (Also Fits: PV-UD185 to 170MF, PV-MF170UD4,175UD4,180UD4,185UD4) |              |               |            |               |                |                | PV ARRAY SPECIFICATIONS   |          |           |            |               |                       |   | SCH40 | Array | Clearance |  |  |  |  |  |
| Number of Modules  | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft)  |       |       |           |  |  |  |  |  |
| 6  | \$3,385.00   | AZ-125        | Optional   | 1140          | 2              | 3              | Landscape   | 10.9     | 8.2       | 89.3       | 6"            | 5.5                   | 1.4   |       |       |           |  |  |  |  |  |
| 8  | \$3,385.00   | AZ-125        | Optional   | 1520          | 2              | 4              | Landscape   | 10.9     | 10.9      | 119.1      | 6"            | 6.8                   | 1.3   |       |       |           |  |  |  |  |  |
| 12   | \$6,645.00   | AZ-225        | Included   | 2280          | 3              | 4              | Landscape   | 16.4     | 10.9      | 178.8      | 8"            | 6.8                   | 1.3   |       |       |           |  |  |  |  |  |

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**REC SOLAR MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**


| Manufacturer               | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.recgroup.com/default.asp?V ITEM_ID=">http://www.recgroup.com/default.asp?V ITEM_ID=</a> |          |           |            |                 |                       |  |  |  |  |  |  |  |  |  |
|----------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|-----------------|-----------------------|--|--|--|--|--|--|--|--|--|
| REC                        | SCM 230      | 230           | 39.11      | 65.65         | 17.83          | 12.90          |   |          |           |            |                 |                       |  |  |  |  |  |  |  |  |  |
| ( Also fits: SCM 210-220 ) |              |               |            |               |                |                |   |          |           |            |                 |                       |  |  |  |  |  |  |  |  |  |
| PV ARRAY SPECIFICATIONS    |              |               |            |               |                |                |   |          |           |            | SCH40           | Array                 | Clearance  |  |  |  |  |  |  |  |  |
| Number of Modules          | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID   | Mounting Pole Ht (Ft) | to level Ground (Ft)   |  |  |  |  |  |  |  |  |
| 4                          | \$3,385.00   | AZ-125        | Optional   | 920           | 2              | 2              | Landscape   | 11.0     | 6.6       | 72.7       | 6"              | 5.5                   | 2.2  |  |  |  |  |  |  |  |  |
| 6                          | \$3,385.00   | AZ-125        | Optional   | 1380          | 2              | 3              | Landscape   | 11.0     | 9.9       | 109.5      | 6"              | 6.3                   | 1.3  |  |  |  |  |  |  |  |  |
| 8                          | \$6,250.00   | AZ-225        | Included   | 1840          | 2              | 4              | Landscape   | 11.0     | 13.3      | 146.3      | 8"              | 7.9                   | 1.3  |  |  |  |  |  |  |  |  |
| 9                          | \$6,250.00   | AZ-225        | Included   | 2070          | 3              | 3              | Landscape   | 16.6     | 9.9       | 164.7      | 8"              | 6.3                   | 1.3  |  |  |  |  |  |  |  |  |
| 12                         | \$7,175.00   | AZ-225        | Included   | 2760          | 3              | 4              | Landscape   | 16.6     | 13.3      | 220.0      | <b>8" SCH80</b> | 7.3                   | 0.7  |  |  |  |  |  |  |  |  |


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**SANYO MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**


*NOTE: Please call about the price and availability for trackers mounting Sanyo Double BiFacial 180-200W Modules  
The BiFacial modules require U-Clips to mount to the rails and the clips are available at an additional cost.*


| Manufacturer   | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://us.sanyo.com/solar/">http://us.sanyo.com/solar/</a>                |          |           |            |                     |                             |                                |
|--|--------------|---------------|------------|---------------|----------------|----------------|--|----------|-----------|------------|---------------------|-----------------------------|--------------------------------|
| Sanyo  | HIT-205      | 205           | 35.24      | 52            | 12.73          | 16.11          |  |          |           |            |                     |                             |                                |
| ( Also fits: Standard Module Frame HIT 180-200 BA3 Series) |              |               |            |               |                |                |  |          |           |            |                     |                             |                                |
| PV ARRAY SPECIFICATIONS                                    |              |               |            |               |                |                |  |          |           |            |                     |                             |                                |
| Number of Modules  | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation   | Width Ft | Height Ft | Area Sq Ft | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft) |
| 6  | \$3,385.00   | AZ-125        | Optional   | 1230          | 2              | 3              | Landscape  | 8.7      | 9.0       | 78.5       | 6"                  | 5.8                         | 1.3                            |
| 8  | \$3,385.00   | AZ-125        | Optional   | 1640          | 2              | 4              | Landscape  | 8.7      | 12.0      | 104.8      | 6"                  | 7.3                         | 1.3                            |
| 9  | \$3,385.00   | AZ-125        | Optional   | 1845          | 3              | 3              | Landscape  | 13.2     | 9.0       | 118.0      | 6"                  | 5.8                         | 1.3                            |
| 12   | \$6,250.00   | AZ-225        | Included   | 2460          | 3              | 4              | Landscape  | 13.2     | 12.0      | 157.7      | 8"                  | 7.3                         | 1.3                            |
| 16   | \$7,175.00   | AZ-225        | Included   | 3280          | 4              | 4              | Landscape  | 17.6     | 12.0      | 210.6      | 8" SCH80            | 7.3                         | 1.3                            |


| Manufacturer                  | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://us.sanyo.com/solar/">http://us.sanyo.com/solar/</a>                 |          |           |            |                     |                             |                                |
|-------------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|-----------------------------|--------------------------------|
| Sanyo                         | HIT-215N     | 215           | 31.4       | 62.2          | 13.56          | 15.85          |  |          |           |            |                     |                             |                                |
| ( Also Fits HIT-205N & 210N ) |              |               |            |               |                |                |   |          |           |            |                     |                             |                                |
| PV ARRAY SPECIFICATIONS       |              |               |            |               |                |                |   |          |           |            |                     |                             |                                |
| Number of Modules             | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft) |
| 6                             | \$3,385.00   | AZ-125        | Optional   | 1290          | 2              | 3              | Landscape   | 10.4     | 8.0       | 83.7       | 6"                  | 5.5                         | 1.5                            |
| 8                             | \$3,385.00   | AZ-125        | Optional   | 1720          | 2              | 4              | Landscape   | 10.4     | 10.7      | 111.8      | 6"                  | 6.7                         | 1.3                            |
| 9                             | \$3,385.00   | AZ-125        | Optional   | 1935          | 3              | 3              | Landscape   | 15.7     | 8.0       | 125.8      | 6" SCH80            | 5.5                         | 1.5                            |
| 12                            | \$6,250.00   | AZ-225        | Included   | 2580          | 3              | 4              | Landscape   | 15.7     | 10.7      | 168.2      | 8"                  | 6.7                         | 1.3                            |
| 16                            | \$7,175.00   | AZ-225        | Included   | 3440          | 4              | 4              | Landscape   | 21.0     | 10.7      | 224.6      | 8" SCH80            | 7.3                         | 1.9                            |

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**SCHOTT ASE MODULES - WATSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**

| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.us.schott.com/english/index.html">http://www.us.schott.com/english/index.html</a> |          |           |            |          |     |                     |  |                                |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|----------|-----|---------------------|--|--------------------------------|
| SCHOTT ASE              | ASE 170      | 170           | 32.52      | 62.01         | 14.00          | 12.14          |   |          |           |            |          |     |                     |  |                                |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            |          |     | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft)  | Clearance to level Ground (Ft) |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |          |     |                     |  |                                |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1020          | 2              | 3              | Landscape   | 10.4     | 8.2       | 84.6       | 6"       | 5.5 | 1.4                 |  |                                |
| 8                       | \$3,385.00   | AZ-125        | Optional   | 1360          | 2              | 4              | Landscape   | 10.4     | 10.9      | 112.9      | 6"       | 6.8 | 1.3                 |  |                                |
| 9                       | \$3,385.00   | AZ-125        | Optional   | 1530          | 3              | 3              | Landscape   | 15.5     | 8.2       | 127.0      | 6" SCH80 | 5.5 | 1.4                 |  |                                |
| 12                      | \$6,250.00   | AZ-225        | Included   | 2040          | 3              | 4              | Landscape   | 15.5     | 10.9      | 169.4      | 8"       | 6.8 | 1.3                 |  |                                |
| 16                      | \$7,175.00   | AZ-225        | Included   | 2720          | 4              | 4              | Landscape   | 20.7     | 10.9      | 226.0      | 8" SCH80 | 6.8 | 1.3                 |  |                                |


| Manufacturer                           | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.us.schott.com/english/index.html">http://www.us.schott.com/english/index.html</a> |          |           |            |          |     |                     |  |                                |
|--|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|----------|-----|---------------------|---|--------------------------------|
| SCHOTT                                 | POLY 225     | 225           | 39.1       | 66.34         | 18.01          | 12.49          |   |          |           |            |          |     |                     |   |                                |
| ( Also fits: Schott Poly 210,217,220 ) |              |               |            |               |                |                |   |          |           |            |          |     |                     |   |                                |
| PV ARRAY SPECIFICATIONS                |              |               |            |               |                |                |   |          |           |            |          |     | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft)   | Clearance to level Ground (Ft) |
| Number of Modules                      | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |          |     |                     |   |                                |
| 6                                      | \$3,385.00   | AZ-125        | Optional   | 1350          | 2              | 3              | Landscape   | 11.1     | 9.8       | 108.7      | 6"       | 6.2 | 1.3                 |   |                                |
| 8                                      | \$6,250.00   | AZ-225        | Included   | 1800          | 2              | 4              | Landscape   | 11.1     | 13.1      | 145.0      | 8"       | 7.8 | 1.3                 |   |                                |
| 9                                      | \$6,250.00   | AZ-225        | Included   | 2025          | 3              | 3              | Landscape   | 16.6     | 9.8       | 163.2      | 8"       | 6.2 | 1.3                 |   |                                |
| 12                                     | \$7,175.00   | AZ-225        | Included   | 2700          | 3              | 4              | Landscape   | 16.6     | 13.1      | 217.7      | 8" SCH80 | 7.8 | 1.3                 |   |                                |


| Manufacturer                                      | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.us.schott.com/english/index.html">http://www.us.schott.com/english/index.html</a> |          |           |            |           |     |                     |  |                                |
|---|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|-----------|-----|---------------------|---|--------------------------------|
| SCHOTT ASE  | ASE 300      | 300           | 50.5       | 74.5          | 26.13          | 11.48          |   |          |           |            |           |     |                     |   |                                |
| ( RWE Schott Solar. Also fits: ASE 285, ASE 315 ) |              |               |            |               |                |                |   |          |           |            |           |     |                     |   |                                |
| PV ARRAY SPECIFICATIONS                           |              |               |            |               |                |                |   |          |           |            |           |     | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft)   | Clearance to level Ground (Ft) |
| Number of Modules                                 | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |           |     |                     |   |                                |
| 4   | \$3,385.00   | AZ-125        | Optional   | 1200          | 2              | 2              | Landscape   | 12.4     | 8.4       | 104.9      | 6"        | 5.6 | 1.4                 |   |                                |
| 6   | \$6,250.00   | AZ-225        | Included   | 1800          | 3              | 2              | Portrait  | 12.7     | 12.4      | 157.5      | 8"        | 7.5 | 1.3                 |   |                                |
| 8   | \$7,175.00   | AZ-225        | Included   | 2400          | 4              | 2              | Portrait  | 16.9     | 12.4      | 210.1      | 8" SCH 80 | 7.5 | 1.3                 |   |                                |


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# SCHÜCO MODULES


| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.schuco-usa.com/">http://www.schuco-usa.com/</a> |          |           |            |               |                       |  |       |           |  |  |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|--|-------|-----------|--|--|
| Schuco                  | S180-SPU-4   | 180           | 32.8       | 65.3          | 14.87          | 12.10          |   |          |           |            |               |                       |  |       |           |  |  |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            |               |                       | SCH40  | Array | Clearance |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft)   |       |           |  |  |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1080          | 2              | 3              | Landscape   | 10.9     | 8.2       | 89.8       | 6"            | 5.5                   | 1.4  |       |           |  |  |
| 8                       | \$3,385.00   | AZ-125        | Optional   | 1440          | 2              | 4              | Landscape   | 10.9     | 11.0      | 119.9      | 6"            | 6.8                   | 1.3  |       |           |  |  |
| 12                      | \$6,250.00   | AZ-225        | Included   | 2160          | 3              | 4              | Landscape   | 16.4     | 11.0      | 179.9      | 8"            | 6.8                   | 1.3  |       |           |  |  |


| Manufacturer                | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.schuco-usa.com/">http://www.schuco-usa.com/</a> |          |           |            |               |                       |  |       |           |  |  |
|-----------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|-------|-----------|--|--|
| Schuco                      | SPV210-SMAU1 | 210           | 39         | 58.3          | 15.79          | 13.30          |   |          |           |            |               |                       |   |       |           |  |  |
| ( Also Fits: SPV200-SMAU1 ) |              |               |            |               |                |                |   |          |           |            |               |                       |   |       |           |  |  |
| PV ARRAY SPECIFICATIONS     |              |               |            |               |                |                |   |          |           |            |               |                       | SCH40   | Array | Clearance |  |  |
| Number of Modules           | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft)  |       |           |  |  |
| 6                           | \$3,385.00   | AZ-125        | Optional   | 1260          | 2              | 3              | Landscape   | 9.7      | 9.8       | 95.3       | 6"            | 6.2                   | 1.3   |       |           |  |  |
| 9                           | \$6,250.00   | AZ-225        | Included   | 1890          | 3              | 3              | Landscape   | 14.6     | 9.8       | 143.1      | 8"            | 6.2                   | 1.3   |       |           |  |  |
| 12                          | \$7,175.00   | AZ-225        | Included   | 2520          | 3              | 4              | Landscape   | 14.6     | 13.1      | 190.9      | 8" SCH80      | 7.8                   | 1.3   |       |           |  |  |

| Manufacturer   | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.schuco-usa.com/">http://www.schuco-usa.com/</a> |          |           |            |               |                       |  |       |           |  |  |
|--|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|-----------------------|---|-------|-----------|--|--|
| Schuco   | MPE 230 PS04 | 230           | 38.66      | 64.59         | 17.34          | 13.26          |   |          |           |            |               |                       |   |       |           |  |  |
| ( Also Fits: MPE 210, 220 )                              |              |               |            |               |                |                |   |          |           |            |               |                       |   |       |           |  |  |
| <i>VERIFY MOUNTING HOLE PATTERN BEFOR MANUFACTURING!</i> |              |               |            |               |                |                |   |          |           |            |               |                       |   |       |           |  |  |
| PV ARRAY SPECIFICATIONS                                  |              |               |            |               |                |                |   |          |           |            |               |                       | SCH40   | Array | Clearance |  |  |
| Number of Modules  | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft) | to level Ground (Ft)  |       |           |  |  |
| 6  | \$3,385.00   | AZ-125        | Optional   | 1380          | 2              | 3              | Landscape   | 10.8     | 9.7       | 104.7      | 6"            | 6.2                   | 1.3   |       |           |  |  |
| 12   | \$7,175.00   | AZ-225        | Included   | 2760          | 3              | 4              | Landscape   | 16.2     | 12.9      | 209.6      | 8" SCH80      | 7.8                   | 1.3   |       |           |  |  |


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**SHARP MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**


| Manufacturer            | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://solar.sharpusa.com/solar/modules/1.2474.4-2">http://solar.sharpusa.com/solar/modules/1.2474.4-2</a> |          |           |            |               |  |                      |       |           |  |  |
|-------------------------|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|--|----------------------|-------|-----------|--|--|
| Sharp                   | ND-L3E1U     | 123           | 26.08     | 59.06         | 10.70          | 11.50          |   |          |           |            |               |  |                      |       |           |  |  |
| PV ARRAY SPECIFICATIONS |              |               |           |               |                |                |   |          |           |            |               |  | SCH40                | Array | Clearance |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft)  | to level Ground (Ft) |       |           |  |  |
| 10                      | \$3,385.00   | AZ-125        | Optional  | 1230          | 2              | 5              | Landscape   | 9.9      | 10.9      | 108.0      | 6"            | 6.8  | 1.3                  |       |           |  |  |
| 15                      | \$6,250.00   | AZ-225        | Included  | 1845          | 3              | 5              | Landscape   | 14.8     | 10.9      | 162.1      | 8"            | 6.8  | 1.3                  |       |           |  |  |
| 18                      | \$7,175.00   | AZ-225        | Included  | 2214          | 3              | 6              | Landscape   | 14.8     | 13.1      | 194.5      | 8" SCH80      | 7.8  | 1.3                  |       |           |  |  |


| Manufacturer            | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://solar.sharpusa.com/solar/modules/1.2474.4-2">http://solar.sharpusa.com/solar/modules/1.2474.4-2</a> |          |           |            |               |  |                      |       |           |  |  |
|-------------------------|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|---|----------------------|-------|-----------|--|--|
| Sharp                   | ND-167U1     | 167           | 39.53     | 52.28         | 14.35          | 11.64          |   |          |           |            |               |   |                      |       |           |  |  |
| PV ARRAY SPECIFICATIONS |              |               |           |               |                |                |   |          |           |            |               |   | SCH40                | Array | Clearance |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft)   | to level Ground (Ft) |       |           |  |  |
| 6                       | \$3,385.00   | AZ-125        | Optional  | 1002          | 2              | 3              | Landscape   | 8.7      | 9.9       | 86.7       | 6"            | 6.3   | 1.3                  |       |           |  |  |
| 12                      | \$6,645.00   | AZ-225        | Included  | 2004          | 4              | 3              | Landscape   | 17.5     | 9.9       | 173.5      | 8"            | 6.3   | 1.3                  |       |           |  |  |

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| Manufacturer  | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://solar.sharpusa.com/solar/modules/1.2474.4-2">http://solar.sharpusa.com/solar/modules/1.2474.4-2</a> |          |           |            |               |  |                      |       |           |  |  |
|---|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|---|----------------------|-------|-----------|--|--|
| Sharp   | NT-S5E1U     | 185           | 32.52     | 62.1          | 14.02          | 13.19          |   |          |           |            |               |   |                      |       |           |  |  |
| ( Also fits: Sharp 180U1, Sharp NT-R5E1U 175W, Sharp NE-Q5E2U 165W, SACP 165W ) |              |               |           |               |                |                |   |          |           |            |               |   |                      |       |           |  |  |
| PV ARRAY SPECIFICATIONS   |              |               |           |               |                |                |   |          |           |            |               |   | SCH40                | Array | Clearance |  |  |
| Number of Modules   | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft)   | to level Ground (Ft) |       |           |  |  |
| 6   | \$3,385.00   | AZ-125        | Optional  | 1110          | 2              | 3              | Landscape   | 10.4     | 8.2       | 84.7       | 6"            | 5.5   | 1.4                  |       |           |  |  |
| 8   | \$3,385.00   | AZ-125        | Optional  | 1480          | 2              | 4              | Landscape   | 10.4     | 10.9      | 112.9      | 6"            | 6.8   | 1.3                  |       |           |  |  |
| 9   | \$3,385.00   | AZ-125        | Optional  | 1665          | 3              | 3              | Landscape   | 15.6     | 8.2       | 127.1      | 6" SCH80      | 5.5   | 1.4                  |       |           |  |  |
| 12  | \$6,250.00   | AZ-225        | Included  | 2220          | 3              | 4              | Landscape   | 15.6     | 10.9      | 169.5      | 8"            | 6.8   | 1.3                  |       |           |  |  |
| 16  | \$7,175.00   | AZ-225        | Included  | 2960          | 4              | 4              | Landscape   | 20.7     | 10.9      | 226.1      | 8" SCH80      | 6.8   | 1.3                  |       |           |  |  |

| Manufacturer            | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://solar.sharpusa.com/solar/modules/1.2474.4-2">http://solar.sharpusa.com/solar/modules/1.2474.4-2</a> |          |           |            |               |  |                      |       |           |  |  |
|-------------------------|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|---|----------------------|-------|-----------|--|--|
| Sharp                   | ND-198U1F    | 198           | 39.1      | 58.7          | 15.94          | 12.42          |   |          |           |            |               |   |                      |       |           |  |  |
| PV ARRAY SPECIFICATIONS |              |               |           |               |                |                |   |          |           |            |               |   | SCH40                | Array | Clearance |  |  |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft)   | to level Ground (Ft) |       |           |  |  |
| 6                       | \$3,385.00   | AZ-125        | Optional  | 1188          | 2              | 3              | Landscape   | 9.8      | 9.8       | 96.2       | 6"            | 6.2   | 1.3                  |       |           |  |  |
| 9                       | \$6,250.00   | AZ-225        | Included  | 1782          | 3              | 3              | Landscape   | 14.7     | 9.8       | 144.4      | 8"            | 6.2   | 1.3                  |       |           |  |  |
| 12                      | \$7,175.00   | AZ-225        | Included  | 2376          | 3              | 4              | Landscape   | 14.7     | 13.1      | 192.7      | 8" SCH80      | 7.8   | 1.3                  |       |           |  |  |


| Manufacturer  | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://solar.sharpusa.com/solar/modules/1.2474.4-2">http://solar.sharpusa.com/solar/modules/1.2474.4-2</a> |          |           |            |               |  |                      |       |           |  |  |
|---|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|---|----------------------|-------|-----------|--|--|
| Sharp   | ND-224U1F    | 224           | 39.1      | 64.6          | 17.54          | 12.77          |   |          |           |            |               |   |                      |       |           |  |  |
| ( Also fits: Sharp 200.208 & 216 Watt modules with identical frame dimensions ) |              |               |           |               |                |                |   |          |           |            |               |   |                      |       |           |  |  |
| PV ARRAY SPECIFICATIONS   |              |               |           |               |                |                |   |          |           |            |               |   | SCH40                | Array | Clearance |  |  |
| Number of Modules   | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft)   | to level Ground (Ft) |       |           |  |  |
| 6   | \$3,385.00   | AZ-125        | Optional  | 1344          | 2              | 3              | Landscape   | 10.8     | 9.8       | 105.9      | 6"            | 6.2   | 1.3                  |       |           |  |  |
| 8   | \$6,250.00   | AZ-225        | Included  | 1792          | 2              | 4              | Landscape   | 10.8     | 13.1      | 141.2      | 8"            | 7.8   | 1.3                  |       |           |  |  |
| 9   | \$6,250.00   | AZ-225        | Included  | 2016          | 3              | 3              | Landscape   | 16.2     | 9.8       | 158.9      | 8"            | 6.2   | 1.3                  |       |           |  |  |
| 12  | \$7,175.00   | AZ-225        | Included  | 2688          | 3              | 4              | Landscape   | 16.2     | 13.1      | 212.0      | 8" SCH80      | 7.8   | 1.3                  |       |           |  |  |

| Manufacturer                            | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://solar.sharpusa.com/solar/modules/1.2474.4-2">http://solar.sharpusa.com/solar/modules/1.2474.4-2</a> |          |           |            |               |  |                      |       |           |  |  |
|---|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|-----------|------------|---------------|---|----------------------|-------|-----------|--|--|
| Sharp                                   | NUU-240UF    | 240           | 39.1      | 64.6          | 17.54          | 13.68          |   |          |           |            |               |   |                      |       |           |  |  |
| ( Also fits: Sharp 230 & 235W modules ) |              |               |           |               |                |                |   |          |           |            |               |   |                      |       |           |  |  |
| PV ARRAY SPECIFICATIONS                 |              |               |           |               |                |                |   |          |           |            |               |   | SCH40                | Array | Clearance |  |  |
| Number of Modules                       | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID | Mounting Pole Ht (Ft)   | to level Ground (Ft) |       |           |  |  |
| 6                                       | \$3,385.00   | AZ-125        | Optional  | 1440          | 2              | 3              | Landscape   | 10.8     | 9.8       | 105.9      | 6"            | 6.2   | 1.3                  |       |           |  |  |
| 8                                       | \$6,250.00   | AZ-225        | Included  | 1920          | 2              | 4              | Landscape   | 10.8     | 13.1      | 141.2      | 8"            | 7.8   | 1.3                  |       |           |  |  |
| 9                                       | \$6,250.00   | AZ-225        | Included  | 2160          | 3              | 3              | Landscape   | 16.2     | 9.8       | 158.9      | 8"            | 6.2   | 1.3                  |       |           |  |  |
| 12                                      | \$7,175.00   | AZ-225        | Included  | 2880          | 3              | 4              | Landscape   | 16.2     | 13.1      | 212.0      | 8" SCH80      | 7.8   | 1.3                  |       |           |  |  |

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**SILIKEN MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010. (MODULES NOT INCLUDED)**

| Manufacturer                         | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://solar.sharppusa.com/solar/modules/1,2474,4-2">http://solar.sharppusa.com/solar/modules/1,2474,4-2</a> |          |           |            |                     |                             |  |  |  |  |  |
|--------------------------------------|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|-----------------------------|--|--|--|--|--|
| Siliken                              | 60P6L        | 240           | 39.1      | 64.6          | 17.54          | 13.68          |   |          |           |            |                     |                             |  |  |  |  |  |
| ( Also fits: Siliken 60P6l 205-235 ) |              |               |           |               |                |                | PV ARRAY SPECIFICATIONS   |          |           |            |                     |                             |  |  |  |  |  |
| Number of Modules                    | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)   |  |  |  |  |
| 6                                    | \$3,385.00   | AZ-125        | Optional  | 1440          | 2              | 3              | Landscape   | 10.8     | 9.8       | 105.9      | 6"                  | 6.2                         | 1.3  |  |  |  |  |
| 8                                    | \$6,250.00   | AZ-225        | Included  | 1920          | 2              | 4              | Landscape   | 10.8     | 13.1      | 141.2      | 8"                  | 7.8                         | 1.3  |  |  |  |  |
| 9                                    | \$6,250.00   | AZ-225        | Included  | 2160          | 3              | 3              | Landscape   | 16.2     | 9.8       | 158.9      | 8"                  | 6.2                         | 1.3  |  |  |  |  |
| 12                                   | \$7,175.00   | AZ-225        | Included  | 2880          | 3              | 4              | Landscape   | 16.2     | 13.1      | 212.0      | <b>8" SCH80</b>     | 7.8                         | 1.3  |  |  |  |  |

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**SOLARFUN MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010. (MODULES NOT INCLUDED)**

| Manufacturer  | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.solarfun.com.cn/">http://www.solarfun.com.cn/</a> |          |           |            |                 |                       |  |  |  |  |  |  |  |  |  |
|---|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|-----------|------------|-----------------|-----------------------|--|--|--|--|--|--|--|--|--|
| Solar Fun   | SF 200-27-P  | 200           | 40.3      | 63.7          | 17.83          | 11.22          |   |          |           |            |                 |                       |  |  |  |  |  |  |  |  |  |
| ( Also fits: SF-170 to SF-195 with identical frame dimensions ) |              |               |           |               |                |                |   |          |           |            |                 |                       |  |  |  |  |  |  |  |  |  |
| PV ARRAY SPECIFICATIONS   |              |               |           |               |                |                |   |          |           |            | SCH40           | Array                 | Clearance  |  |  |  |  |  |  |  |  |
| Number of Modules   | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID   | Mounting Pole Ht (Ft) | to level Ground (Ft)   |  |  |  |  |  |  |  |  |
| 6   | \$3,385.00   | AZ-125        | Optional  | 1200          | 2              | 3              | Landscape   | 9.8      | 9.9       | 97.0       | 6"              | 6.3                   | 1.3  |  |  |  |  |  |  |  |  |
| 12  | \$7,175.00   | AZ-225        | Included  | 2400          | 3              | 4              | Landscape   | 14.7     | 13.2      | 194.3      | <b>8" SCH80</b> | 7.9                   | 1.3  |  |  |  |  |  |  |  |  |

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**SOLARIA MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010. (MODULES NOT INCLUDED)**


| Manufacturer      | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.solaria.com/">http://www.solaria.com/</a> |          |           |            |                     |                             |  |  |  |  |  |  |  |  |  |       |       |           |
|-------------------|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|-----------------------------|--|--|--|--|--|--|--|--|--|-------|-------|-----------|
| Solaria           | CMT-230      | 230           | 40.3      | 63.7          | 17.83          | 12.90          |   |          |           |            |                     |                             |  |  |  |  |  |  |  |  |  |       |       |           |
|                   |              |               |           |               |                |                |   |          |           |            |                     | PV ARRAY SPECIFICATIONS     |  |  |  |  |  |  |  |  |  | SCH40 | Array | Clearance |
| Number of Modules | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)   |  |  |  |  |  |  |  |  |       |       |           |
| 6                 | \$3,385.00   | AZ-125        | Optional  | 1380          | 2              | 3              | Landscape   | 10.6     | 10.1      | 107.6      | 6"                  | 6.4                         | 1.3  |  |  |  |  |  |  |  |  |       |       |           |
| 12                | \$7,175.00   | AZ-225        | Included  | 2760          | 3              | 4              | Landscape   | 16.0     | 13.5      | 215.4      | <b>8" SCH80</b>     | 8.0                         | 1.3  |  |  |  |  |  |  |  |  |       |       |           |

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**SOLARWORLD MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010. (MODULES NOT INCLUDED)**


| Manufacturer  | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.solarworld-usa.com/">http://www.solarworld-usa.com/</a> |          |  |            |                 |                       |                      |
|---|--------------|---------------|------------|---------------|----------------|----------------|---|----------|--|------------|-----------------|-----------------------|----------------------|
| Solar World   | SW 175       | 175           | 31.89      | 63.39         | 14.04          | 12.47          |   |          |  |            |                 |                       |                      |
| (Note! The SW175 mounting hole pattern changed in April 2007 and is different than the Shell & Siemens product) |              |               |            |               |                |                |   |          |  |            |                 |                       |                      |
| (Also fits: SW155, SW165)   |              |               |            |               |                |                |   |          |  |            |                 |                       |                      |
| PV ARRAY SPECIFICATIONS   |              |               |            |               |                |                |   |          |  |            | SCH40           | Array                 | Clearance            |
| Number of Modules   | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft  | Area Sq Ft | Steel Pipe ID   | Mounting Pole Ht (Ft) | to level Ground (Ft) |
| 6   | \$3,385.00   | AZ-125        | Optional   | 1050          | 2              | 3              | Landscape   | 10.6     | 8.0  | 84.8       | 6"              | 5.5                   | 1.5                  |
| 8   | \$3,385.00   | AZ-125        | Optional   | 1400          | 2              | 4              | Landscape   | 10.6     | 10.7   | 113.2      | 6"              | 6.7                   | 1.3                  |
| 12  | \$6,645.00   | AZ-225        | Included   | 2100          | 3              | 4              | Landscape   | 15.9     | 10.7   | 169.8      | 8"              | 6.7                   | 1.3                  |
| 16  | \$7,175.00   | AZ-225        | Included   | 2800          | 4              | 4              | Landscape   | 21.2     | 10.7   | 226.5      | 8" <b>SCH80</b> | 6.7                   | 1.3                  |

| Manufacturer  | Module       | Watts         | Width     | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.solarworld-usa.com/">http://www.solarworld-usa.com/</a> |          |  |            |                 |                       |                      |
|---|--------------|---------------|-----------|---------------|----------------|----------------|---|----------|---|------------|-----------------|-----------------------|----------------------|
| Solar World   | SW 230       | 230           | 39.41     | 65.94         | 18.05          | 12.74          |   |          |   |            |                 |                       |                      |
| (Note! The SW230 mounting hole pattern changed in April 2007 and is different than the Shell & Siemens product) |              |               |           |               |                |                |   |          |   |            |                 |                       |                      |
| (Also fits: SW155, SW165)   |              |               |           |               |                |                |   |          |   |            |                 |                       |                      |
| PV ARRAY SPECIFICATIONS   |              |               |           |               |                |                |   |          |   |            | SCH40           | Array                 | Clearance            |
| Number of Modules   | Retail Price | Wattsun Drive | Dual Axis | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft   | Area Sq Ft | Steel Pipe ID   | Mounting Pole Ht (Ft) | to level Ground (Ft) |
| 6   | \$3,385.00   | AZ-125        | Optional  | 1380          | 2              | 3              | Landscape   | 11.0     | 9.9   | 108.9      | 6"              | 6.3                   | 1.3                  |
| 9   | \$6,250.00   | AZ-225        | Included  | 2070          | 3              | 3              | Landscape   | 16.5     | 9.9   | 163.5      | 8"              | 6.3                   | 1.3                  |
| 12  | \$7,175.00   | AZ-225        | Included  | 2760          | 3              | 4              | Landscape   | 16.5     | 13.2  | 218.1      | 8" <b>SCH80</b> | 7.9                   | 1.3                  |

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**SOLON MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**

| Manufacturer                              | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.solon.com/">http://www.solon.com/</a> |          |  |                         |                 |                       |                      |       |           |
|---|--------------|---------------|------------|---------------|----------------|----------------|---|----------|--|-------------------------|-----------------|-----------------------|----------------------|-------|-----------|
| SOLON                                     | Solon 225    | 225           | 39.1       | 64.57         | 17.53          | 12.83          |   |          |  |                         |                 |                       |                      |       |           |
| (Also fits: SOLON 200, 205,210,215 & 220) |              |               |            |               |                |                |   |          |  | PV ARRAY SPECIFICATIONS |                 |                       | SCH40                | Array | Clearance |
| Number of Modules                         | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft  | Area Sq Ft              | Steel Pipe ID   | Mounting Pole Ht (Ft) | to level Ground (Ft) |       |           |
| 6   | \$3,385.00   | AZ-125        | Optional   | 1350          | 2              | 3              | Landscape   | 10.8     | 9.8  | 105.8                   | 6"              | 6.2                   | 1.3                  |       |           |
| 12  | \$7,175.00   | AZ-225        | Included   | 2700          | 3              | 4              | Landscape   | 16.2     | 13.1   | 211.9                   | <b>8" SCH80</b> | 7.8                   | 1.3                  |       |           |

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**SUNPOWER MODULES - WATSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**


| Manufacturer                                   | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.sunpowercorp.com/">http://www.sunpowercorp.com/</a>            |          |           |            |                     |                             |                                |
|--|--------------|---------------|------------|---------------|----------------|----------------|--|----------|-----------|------------|---------------------|-----------------------------|--------------------------------|
| SunPower                                       | SPR-230      | 230           | 31.42      | 61.38         | 13.39          | 17.17          |  |          |           |            |                     |                             |                                |
| ( Also fits: SunPower SPR-200, 210, 215 & 220) |              |               |            |               |                |                |  |          |           |            |                     |                             |                                |
| PV ARRAY SPECIFICATIONS                        |              |               |            |               |                |                |  |          |           |            | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft) |
| Number of Modules                              | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation   | Width Ft | Height Ft | Area Sq Ft |                     |                             |                                |
| 6  | \$3,385.00   | AZ-125        | Optional   | 1380          | 2              | 3              | Landscape  | 10.3     | 7.9       | 80.9       | 6"                  | 5.5                         | 1.6                            |
| 8  | \$3,385.00   | AZ-125        | Optional   | 1840          | 2              | 4              | Landscape  | 10.3     | 10.5      | 108.0      | 6"                  | 6.6                         | 1.3                            |
| 9  | \$3,385.00   | AZ-125        | Optional   | 2070          | 3              | 3              | Landscape  | 15.4     | 7.9       | 121.5      | <b>6" SCH80</b>     | 5.5                         | 1.6                            |
| 12   | \$6,250.00   | AZ-225        | Included   | 2760          | 3              | 4              | Landscape  | 15.4     | 10.5      | 162.1      | 8"                  | 6.6                         | 1.3                            |
| 16   | \$7,175.00   | AZ-225        | Included   | 3680          | 4              | 4              | Landscape  | 20.5     | 10.5      | 216.1      | <b>8" SCH80</b>     | 6.6                         | 1.3                            |


| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.sunpowercorp.com/">http://www.sunpowercorp.com/</a>             |          |           |            |                     |                             |                                |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|-----------------------------|--------------------------------|
| SunPower                | SPR-315      | 315           | 41.8       | 61.39         | 17.82          | 17.68          |  |          |           |            |                     |                             |                                |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |           |            | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft) |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |                     |                             |                                |
| 4                       | \$3,385.00   | AZ-125        | Optional   | 1260          | 2              | 2              | Landscape   | 10.3     | 6.9       | 70.6       | 6"                  | 5.5                         | 2.1                            |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1890          | 2              | 3              | Landscape   | 10.3     | 10.3      | 106.0      | 6"                  | 6.5                         | 1.3                            |
| 12                      | \$7,175.00   | AZ-225        | Included   | 3780          | 4              | 3              | Landscape   | 20.5     | 10.3      | 212.1      | <b>8" SCH80</b>     | 6.5                         | 1.3                            |


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**SUNTECH MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**

| Manufacturer                         | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.suntech-power.com/">http://www.suntech-power.com/</a> |          |  |            |                     |                             |                                |
|--------------------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|--|------------|---------------------|-----------------------------|--------------------------------|
| SunTech                              | STP-175      | 175           | 31.8       | 62.2          | 13.74          | 12.74          |   |          |  |            |                     |                             |                                |
| ( Also fits: SunTech STP170,165,160) |              |               |            |               |                |                |   |          |  |            |                     |                             |                                |
| PV ARRAY SPECIFICATIONS              |              |               |            |               |                |                |   |          |  |            | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft) |
| Number of Modules                    | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft  | Area Sq Ft |                     |                             |                                |
| 6                                    | \$3,385.00   | AZ-125        | Optional   | 1050          | 2              | 3              | Landscape   | 10.4     | 8.0  | 83.0       | 6"                  | 5.5                         | 1.5                            |
| 8                                    | \$3,385.00   | AZ-125        | Optional   | 1400          | 2              | 4              | Landscape   | 10.4     | 10.7   | 110.7      | 6"                  | 6.6                         | 1.3                            |
| 9                                    | \$3,385.00   | AZ-125        | Optional   | 1575          | 3              | 3              | Landscape   | 15.6     | 8.0  | 124.6      | 6" SCH80            | 5.5                         | 1.5                            |
| 12                                   | \$6,250.00   | AZ-225        | Included   | 2100          | 3              | 4              | Landscape   | 15.6     | 10.7   | 166.2      | 8"                  | 6.6                         | 1.3                            |
| 16                                   | \$7,175.00   | AZ-225        | Included   | 2800          | 4              | 4              | Landscape   | 20.8     | 10.7   | 221.7      | 8" SCH80            | 6.6                         | 1.3                            |

| Manufacturer                 | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.suntech-power.com/">http://www.suntech-power.com/</a> |          |  |            |                     |                             |                                |
|------------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|---|------------|---------------------|-----------------------------|--------------------------------|
| SunTech                      | STP-210      | 210           | 39.1       | 58.3          | 15.83          | 13.27          |   |          |   |            |                     |                             |                                |
| ( Also fits: SunTech STP200) |              |               |            |               |                |                |   |          |   |            |                     |                             |                                |
| PV ARRAY SPECIFICATIONS      |              |               |            |               |                |                |   |          |   |            | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft) |
| Number of Modules            | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft   | Area Sq Ft |                     |                             |                                |
| 6                            | \$3,385.00   | AZ-125        | Optional   | 1260          | 2              | 3              | Landscape   | 9.7      | 9.8   | 95.6       | 6"                  | 6.2                         | 1.3                            |
| 12                           | \$7,175.00   | AZ-225        | Included   | 2520          | 3              | 4              | Landscape   | 14.6     | 13.1  | 191.4      | 8" SCH80            | 7.8                         | 1.3                            |


| Manufacturer                 | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.suntech-power.com/">http://www.suntech-power.com/</a> |          |  |            |                     |                             |                                |
|------------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|---|------------|---------------------|-----------------------------|--------------------------------|
| SunTech                      | STP-225      | 225           | 39.1       | 65.6          | 17.81          | 12.63          |   |          |   |            |                     |                             |                                |
| ( Also fits: SunTech STP220) |              |               |            |               |                |                |   |          |   |            |                     |                             |                                |
| PV ARRAY SPECIFICATIONS      |              |               |            |               |                |                |   |          |   |            | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft) |
| Number of Modules            | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft   | Area Sq Ft |                     |                             |                                |
| 6                            | \$3,385.00   | AZ-125        | Optional   | 1350          | 2              | 3              | Landscape   | 11.0     | 9.8   | 107.5      | 6"                  | 6.2                         | 1.3                            |
| 12                           | \$7,175.00   | AZ-225        | Included   | 2700          | 3              | 4              | Landscape   | 16.4     | 13.1  | 215.3      | 8" SCH80            | 7.8                         | 1.3                            |

| Manufacturer                      | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.suntech-power.com/">http://www.suntech-power.com/</a> |          |  |            |                     |                             |                                |
|-----------------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|---|------------|---------------------|-----------------------------|--------------------------------|
| SunTech                           | STP-280      | 280           | 39.1       | 77            | 20.91          | 13.39          |   |          |   |            |                     |                             |                                |
| ( Also fits: SunTech STP270, 260) |              |               |            |               |                |                |   |          |   |            |                     |                             |                                |
| PV ARRAY SPECIFICATIONS           |              |               |            |               |                |                |   |          |   |            | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft) |
| Number of Modules                 | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft   | Area Sq Ft |                     |                             |                                |
| 6                                 | \$3,385.00   | AZ-125        | Optional   | 1680          | 2              | 3              | Landscape   | 12.9     | 9.8   | 126.0      | 6" SCH80            | 6.2                         | 1.3                            |
| 8                                 | \$6,250.00   | AZ-225        | Included   | 2240          | 2              | 4              | Landscape   | 12.9     | 13.1  | 168.1      | 8"                  | 7.8                         | 1.3                            |
| 9                                 | \$6,645.00   | AZ-225        | Included   | 2520          | 3              | 3              | Landscape   | 19.3     | 9.8   | 189.1      | 8"                  | 6.2                         | 1.3                            |

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**SUNWIZE MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**

| Manufacturer                   | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.sunwize.com/">http://www.sunwize.com/</a> |          |           |            |                 |                       |  |       |           |  |  |  |  |
|--------------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|-----------------|-----------------------|--|-------|-----------|--|--|--|--|
| SunWize                        | SW-180       | 180           | 31.8       | 62.2          | 13.74          | 13.10          |   |          |           |            |                 |                       |  |       |           |  |  |  |  |
| <b>PV ARRAY SPECIFICATIONS</b> |              |               |            |               |                |                |   |          |           |            |                 |                       | SCH40  | Array | Clearance |  |  |  |  |
| Number of Modules              | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID   | Mounting Pole Ht (Ft) | to level Ground (Ft)   |       |           |  |  |  |  |
| 6                              | \$3,385.00   | AZ-125        | Optional   | 1050          | 2              | 3              | Landscape   | 10.4     | 8.0       | 83.0       | 6"              | 5.5                   | 1.5  |       |           |  |  |  |  |
| 8                              | \$3,385.00   | AZ-125        | Optional   | 1400          | 2              | 4              | Landscape   | 10.4     | 10.7      | 110.7      | 6"              | 6.6                   | 1.3  |       |           |  |  |  |  |
| 9                              | \$3,385.00   | AZ-125        | Optional   | 1575          | 3              | 3              | Landscape   | 15.6     | 8.0       | 124.6      | <b>6" SCH80</b> | 5.5                   | 1.5  |       |           |  |  |  |  |
| 12                             | \$6,250.00   | AZ-225        | Included   | 2100          | 3              | 4              | Landscape   | 15.6     | 10.7      | 166.2      | 8"              | 6.6                   | 1.3  |       |           |  |  |  |  |
| 16                             | \$7,175.00   | AZ-225        | Included   | 2800          | 4              | 4              | Landscape   | 20.8     | 10.7      | 221.7      | <b>8" SCH80</b> | 6.6                   | 1.3  |       |           |  |  |  |  |



**TRINA SOLAR MODULES - WATSON TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**


| Manufacturer                            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.trinasolar.com/">http://www.trinasolar.com/</a> |          |           |            |                     |                             |  |  |  |  |  |  |  |  |  |
|---|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|-----------------------------|--|--|--|--|--|--|--|--|--|
| Trina Solar                             | TSM 180      | 180           | 31.85      | 62.24         | 13.77          | 13.08          |   |          |           |            |                     |                             |  |  |  |  |  |  |  |  |  |
| ( Also fits: Trina TSM 165-175 Modules) |              |               |            |               |                |                |   |          |           |            |                     |                             |  |  |  |  |  |  |  |  |  |
| PV ARRAY SPECIFICATIONS                 |              |               |            |               |                |                |   |          |           |            | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)   |  |  |  |  |  |  |  |  |
| Number of Modules                       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |                     |                             |  |  |  |  |  |  |  |  |  |
| 6                                       | \$3,385.00   | AZ-125        | Optional   | 1080          | 2              | 3              | Landscape   | 10.4     | 8.0       | 83.2       | 6"                  | 5.5                         | 1.5  |  |  |  |  |  |  |  |  |
| 8                                       | \$3,385.00   | AZ-125        | Optional   | 1440          | 2              | 4              | Landscape   | 10.4     | 10.7      | 111.0      | 6"                  | 6.7                         | 1.3  |  |  |  |  |  |  |  |  |
| 9                                       | \$3,385.00   | AZ-125        | Optional   | 1620          | 3              | 3              | Landscape   | 15.6     | 8.0       | 124.8      | 6" SCH80            | 5.5                         | 1.5  |  |  |  |  |  |  |  |  |
| 12                                      | \$6,250.00   | AZ-225        | Included   | 2160          | 3              | 4              | Landscape   | 15.6     | 10.7      | 166.6      | 8"                  | 6.7                         | 1.3  |  |  |  |  |  |  |  |  |
| 16                                      | \$7,175.00   | AZ-225        | Included   | 2880          | 4              | 4              | Landscape   | 20.8     | 10.7      | 222.1      | 8" SCH80            | 6.7                         | 1.3  |  |  |  |  |  |  |  |  |

| Manufacturer                            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.trinasolar.com/">http://www.trinasolar.com/</a> |          |           |            |                     |                             |  |  |  |  |  |  |  |  |  |
|---|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|---------------------|-----------------------------|---|--|--|--|--|--|--|--|--|
| Trina Solar                             | TSM 240      | 240           | 39.05      | 64.96         | 17.62          | 13.62          |   |          |           |            |                     |                             |   |  |  |  |  |  |  |  |  |
| ( Also fits: Trina TSM 200-230 Modules) |              |               |            |               |                |                |   |          |           |            |                     |                             |   |  |  |  |  |  |  |  |  |
| PV ARRAY SPECIFICATIONS                 |              |               |            |               |                |                |   |          |           |            | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft)  |  |  |  |  |  |  |  |  |
| Number of Modules                       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft |                     |                             |   |  |  |  |  |  |  |  |  |
| 4                                       | \$3,385.00   | AZ-125        | Optional   | 960           | 2              | 2              | Landscape   | 10.8     | 6.5       | 70.8       | 6"                  | 5.5                         | 2.2   |  |  |  |  |  |  |  |  |
| 6                                       | \$3,385.00   | AZ-125        | Optional   | 1440          | 2              | 3              | Landscape   | 10.8     | 9.8       | 106.3      | 6"                  | 6.2                         | 1.3   |  |  |  |  |  |  |  |  |
| 9                                       | \$6,250.00   | AZ-225        | Included   | 2160          | 3              | 3              | Landscape   | 16.3     | 9.8       | 159.6      | 8"                  | 6.2                         | 1.3   |  |  |  |  |  |  |  |  |
| 12                                      | \$7,175.00   | AZ-225        | Included   | 2880          | 3              | 4              | Landscape   | 16.3     | 13.1      | 212.9      | 8" SCH80            | 7.8                         | 1.3   |  |  |  |  |  |  |  |  |

NOTE: TRACKER OPTIONS AND MOUNTING POLE CONSIDERATIONS ARE AT THE END OF THIS DOCUMENT. CALL = CONTACT ARRAY TECHNOLOGIES FOR DETAILS!  
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WANXIANG SOLAR MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)

| Manufacturer            | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.wanxiang-energy.com/">http://www.wanxiang-energy.com/</a> |          |  |            |                     |                             |                                |
|-------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|--|------------|---------------------|-----------------------------|--------------------------------|
| WanXiang Solar          | WXS220P      | 220           | 39.02      | 64.65         | 17.52          | 12.56          |   |          |  |            |                     |                             |                                |
| PV ARRAY SPECIFICATIONS |              |               |            |               |                |                |   |          |  |            |                     |                             |                                |
| Number of Modules       | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft  | Area Sq Ft | SCH40 Steel Pipe ID | Array Mounting Pole Ht (Ft) | Clearance to level Ground (Ft) |
| 4                       | \$3,385.00   | AZ-125        | Optional   | 880           | 2              | 2              | Landscape   | 10.8     | 6.5  | 70.4       | 6"                  | 5.5                         | 2.2                            |
| 6                       | \$3,385.00   | AZ-125        | Optional   | 1320          | 2              | 3              | Landscape   | 10.8     | 9.8  | 105.7      | 6"                  | 6.2                         | 1.3                            |
| 9                       | \$6,250.00   | AZ-225        | Included   | 1980          | 3              | 3              | Landscape   | 16.2     | 9.8  | 158.7      | 8"                  | 6.2                         | 1.3                            |
| 12                      | \$7,175.00   | AZ-225        | Included   | 2640          | 3              | 4              | Landscape   | 16.2     | 13.1   | 211.7      | <b>8" SCH80</b>     | 7.8                         | 1.3                            |

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**YINGLI SOLAR MODULES - WATTSUN TRACKER RETAIL PRICE LIST - August 2010 (MODULES NOT INCLUDED)**

| Manufacturer                        | Module       | Watts         | Width (in) | Length (in)   | Sq Ft          | W/Sq-Ft        | <a href="http://www.yinglisolar.com/enmain/user/index.asp">http://www.yinglisolar.com/enmain/user/index.asp</a> |          |           |            |                 |                       |                      |
|-------------------------------------|--------------|---------------|------------|---------------|----------------|----------------|---|----------|-----------|------------|-----------------|-----------------------|----------------------|
| Yingli Solar                        | YL235 P29b   | 235           | 39         | 65            | 17.60          | 13.35          |                               |          |           |            |                 |                       |                      |
| (Also fits: YL210-230 P29b modules) |              |               |            |               |                |                | PV ARRAY SPECIFICATIONS   |          |           |            | SCH40           | Array                 | Clearance            |
| Number of Modules                   | Retail Price | Wattsun Drive | Dual Axis  | Tracked Watts | Number of Cols | Number of Rows | Module Orientation  | Width Ft | Height Ft | Area Sq Ft | Steel Pipe ID   | Mounting Pole Ht (Ft) | to level Ground (Ft) |
| 4                                   | \$3,385.00   | AZ-125        | Optional   | 940           | 2              | 2              | Landscape   | 10.9     | 6.5       | 70.8       | 6"              | 5.5                   | 2.2                  |
| 6                                   | \$3,385.00   | AZ-125        | Optional   | 1410          | 2              | 3              | Landscape   | 10.9     | 9.8       | 106.3      | 6"              | 6.2                   | 1.3                  |
| 9                                   | \$6,250.00   | AZ-225        | Included   | 2115          | 3              | 3              | Landscape   | 16.3     | 9.8       | 159.5      | 8"              | 6.2                   | 1.3                  |
| 12                                  | \$7,175.00   | AZ-225        | Included   | 2820          | 3              | 4              | Landscape   | 16.3     | 13.1      | 212.7      | <b>8" SCH80</b> | 7.8                   | 1.3                  |

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**WATTSUN TRACKER OPTIONS**



| Tracker Options  | Retail Price | Part Description   |
|--|--------------|--|
| Dual-Axis Option<br><i>(At time of the tracker order)</i>          | \$525.00     | Add automatic elevation tracking to the AZ-125 Tracker. The DA Option is included in the price of the AZ-225 Trackers<br><b>Order at the time the tracker is built. To retrofit an existing Single-Axis tracker in the field costs \$755.00</b>                                |
| Manual Controls<br><i>(At time of the tracker order)</i>           | \$125.00     | Exterior switches on the controller cover plate when the tracker is manufactured. Allows for the owner to turn off automatic tracking and then rotate the tracker east or west and/or up and down. Useful for dumping snow or to lay the tracker flat in extremely high winds. |
| Manual Control Kit<br><i>(Field Upgrade)</i>                       | \$150.00     | "After market" field upgrade kit for Version 3 controllers. V3 controllers are "two piece" style and the sensor is independent of the main control box. Should be installed by an electrician or other certified personnel.  |
| Controller Wire Extension<br><i>(At time of the tracker order)</i> | \$58.00      | Add an additional 20 ft to controller wiring to drop the controller down tall poles or to locate it in a more "user friendly" location.<br><i>(Non-Discountable price)</i>   |

| Extended Warranty      | Price    | Description   |
|------------------------|----------|---|
| 5 Year Warranty Option | \$150.00 | Extend the Standard Two Year Warranty to a Five Year Warranty. Per Tracker price and Non-Discountable to Dealers. |

| Voltage Conversion to 24 VDC  | Retail Price | Part Description   |
|---|--------------|--|
| 12-24 15W<br><i>(For 12 VDC Battery Bank)</i>                               | \$125.00     | Steps up 12VDC from a battery bank to 24VDC required by the tracker controller.  |
| 48-24 LVC<br><i>( For 48 VDC Battery Bank or 48 VDC Array)</i>              | \$58.00      | Steps down 48 VDC from a battery bank to 24VDC required by the tracker controller. One required per TR-Series Tracker or AZ-125 Tracker. Does not have enough power to run an AZ-225 Tracker. It can tap power from a 48 VDC array to power the tracker but must tap power from 3 series 12 VDC modules. Will not work with 24 VDC modules in a 48 VDC "array direct" configuration. Water pumps must have a pump controller installed for the 48-24 LVC to operate in an "array-direct" mode. |
| BZ Products X8a<br><i>(DC to DC Converter)</i>                              | \$150.00     | Steps down 48 VDC from a battery bank to 24VDC required by the tracker controller. One required per AZ-225 Tracker or it can power up to two AZ-125 Trackers. Will accept up to 100 VDC input and outputs 24 VDC @ 8 Amps maximum.   |
| DR-4524<br><i>(For Water Pumping)</i>                                       | \$133.00     | AC/DC to 24 VDC Switching Power Supply. Accepts 120-370 VDC input. Use to power the tracker controller from a high voltage water pumping array. Needs to be mounted in a raintight box if located outside.   |
| IDEC PSSR-SF24<br><i>(For Grid-Tie)</i><br><i>Replaces Part # DR-120-24</i> | \$165.00     | AC/DC to 24 VDC Switching Power Supply. Accepts 115 or 230 VAC input. Use to power the tracker controller from the AC Grid when no back up battery bank is present. One required per two AZ-125 trackers or one AZ-225 Tracker. Needs to be mounted in a raintight box if located outside.   |

| Marine Options  | Retail Price  | Part Description  |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
|---|---|---|---------|----------|---------|----------|---------|----------|---------|----------|---------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|---|
| AZ-125 DA Actuator Tube Rubber Bellows Cover                  | \$42.00   | Added rain protection for the TR-55 Drive or the Dual-Axis Option on the AZ-125 Drive. A rubber "accordion" cover for the telescoping tube of the elevation actuator. Is already included on all AZ-255 Dual-Axis Trackers.               |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| Upgrade AZ-225 from Standard Powder Coat Finish to Galvanized | \$575.00  | We can upgrade the powder coat finish on the AZ-225 drive parts. <u>Not available for the AZ-125 Drive.</u> Galvanized Finish is available on the AZ-225 Gear Drives. <b>Non-Discountable pricing and allow for additional lead time.</b> |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| Upgrade to Stainless Steel Drive Hardware                     | <table border="1"> <tr><td>2 Module</td><td>\$60.00</td></tr> <tr><td>4 Module</td><td>\$70.00</td></tr> <tr><td>6 Module</td><td>\$80.00</td></tr> <tr><td>8 Module</td><td>\$90.00</td></tr> <tr><td>9 Module</td><td>\$95.00</td></tr> <tr><td>10 Module</td><td>\$100.00</td></tr> <tr><td>12 Module</td><td>\$120.00</td></tr> <tr><td>15 Module</td><td>\$130.00</td></tr> <tr><td>16 Module</td><td>\$140.00</td></tr> <tr><td>18 Module</td><td>\$150.00</td></tr> </table> | 2 Module  | \$60.00 | 4 Module | \$70.00 | 6 Module | \$80.00 | 8 Module | \$90.00 | 9 Module | \$95.00 | 10 Module | \$100.00 | 12 Module | \$120.00 | 15 Module | \$130.00 | 16 Module | \$140.00 | 18 Module | \$150.00 | Upgrade most of the zinc plated hardware to stainless steel. Needed only in Marine or corrosive environments. Some of the drive hardware is not replaced by stainless steel due to the superior strength of Grade 8 parts.<br><i>(Note: The normal module mounting bolts supplied with all trackers are stainless steel.)</i> |
| 2 Module  | \$60.00   |   |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| 4 Module  | \$70.00   |   |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| 6 Module  | \$80.00   |   |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| 8 Module  | \$90.00   |   |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| 9 Module  | \$95.00   |   |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| 10 Module   | \$100.00  |   |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| 12 Module   | \$120.00  |   |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| 15 Module   | \$130.00  |   |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| 16 Module   | \$140.00  |   |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |
| 18 Module   | \$150.00  |   |         |          |         |          |         |          |         |          |         |           |          |           |          |           |          |           |          |           |          |   |

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# IMPORTANT GUIDELINES: SCHEDULE 40 (& SCH30) STEEL MOUNTING PIPE SIZE AND HEIGHT



## OVERVIEW:

The mounting pipe is not included in the cost of the Wattsun Solar Tracker. Generally, it is purchased locally and cut to your required length. A concrete foundation provides strength and stability to the pipe mast. Each tracker model requires a different pipe diameter to mount on. The table below gives the standard sizing:

|               | Schedule 40 Steel Mounting Pipe |                |                              |
|---------------|---------------------------------|----------------|------------------------------|
|               | Inner Diameter                  | Outer Diameter | General Maximum Height Limit |
| AZ-125 DRIVE: | 6"                              | 6-5/8"         | 6.75 ft                      |
| AZ-225 DRIVE: | 8"                              | 8-5/8"         | 6.75 ft                      |

**NOTE:** Your tracker might use SCH80 Steel Pipe for AZ-225 Trackers with a racked area of 190 or more square feet:

## WHY YOUR PIPE HEIGHT AND SIZE WILL VARY IN SIZE AND HEIGHT:

- (1) ARRAY HEIGHT** - The physical height of the rectangular array determines the mounting pole height. In addition, a "buffer space" needs to be added beneath the array to clear the ground. If you expect snow cover on the ground in the Winter, or the ground slopes, then the pipe height increases even more.
- (2) ARRAY AREA** - The surface area of the array is subject to wind forces and dictates the pipe size, strength and diameter.
- (3) LOCATION** - The foundation size is a factor of wind forces and soil type and stability. Local code might require a Professional Engineer "stamp" on the foundation design.

## SOLUTIONS FOR TALLER THAN NORMAL POLES OR VERY LARGE ARRAYS:

A good example is a street light pole. It is wide at the base and tapers down to a smaller size at the top. Your mounting pole might be similar in function. Sometimes a "jump up" in pipe diameter is required to provide protection against strong wind forces.

### Question?

How does an AZ-225 drive that normally fits over an 8" pipe mast mate to a 10" pipe.?

### Answer:

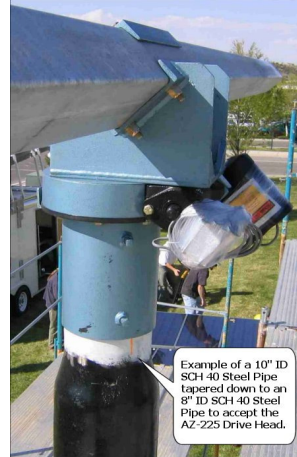
A reducer. A plate is welded to the top of the 10" pipe and forms a base for a short piece of 8" pipe. The pipe "stub" extension above the plate needs to be tall enough to slip completely inside the tracker drive sleeve.

The minimum extension is shown in the table below:

|               | Schedule 40 Steel Pipe Stub |                |                              |
|---------------|-----------------------------|----------------|------------------------------|
|               | Inner Diameter              | Outer Diameter | Pipe Stub Height above Plate |
| AZ-125 DRIVE: | 6"                          | 6-5/8"         | 10"                          |
| AZ-225 DRIVE: | 8"                          | 8-5/8"         | 12"                          |

The picture shows a 10" ID pipe that has been reduced to an 8" ID pipe. This particular tapered solution was elegant and expensive. The base plate and pipe stub approach is much cheaper.

There are other solutions available too. If square steel tubing is used as a mounting pipe then there is the possibility removing the "bottom can" of the AZ-225 drive from the manufacturing process and allowing for a direct weld that NOVEMBERries the mounting tube to the bottom plate of the AZ-225 Drive. Array Technologies will provide you with the proper material and technical assistance. **SEE THE LAST PAGE FOR MORE DETAILS**



## IMPORTANT GUIDELINES: THE CONCRETE FOUNDATION

### OVERVIEW:

Array Technologies accepts no responsibility for your foundation. Local building code will likely require that the foundation be approved by an inspector and that it be designed by a professional engineer or "stamped." Array Technologies can give you some general sizing recommendations regarding foundation sizing and will "point you in the right direction." We will supply the array dimensions, INDIVIDUAL TRACKER COMPONENT WEIGHTS and appropriate drawings to assist your foundation designer get through the process.

### SAMPLES OF SECURING THE PIPE TO THE FOUNDATION:

#### EMBEDDED PIPE

This pipe runs the full distance down into the hole and is embedded in the concrete foundation.



#### BOLT ON

This pipe has a baseplate welded onto the bottom. Notice the gussets that project radially out from the pipe.



#### CONDUIT

A carefully "thought out" foundation will allow for the conduit to be preplaced and encased by the foundation. Typically, the electrical conduit will be buried in the soil and keeping the conduit from being stepped on or driven over can be a genuine concern.

#### J-BOX

The picture on the left shows the location of the junction box. It is well down the pole and will not interfere with the placement of the drive on top of the pole.

#### REBAR TIES IT TOGETHER

Your engineer will specify a grid of rebar. Numbers of pieces and shape depends on the size of your foundation.



