



Series 5014/5034

All PV PoleTops® and most adjustable PV PoleSides™ use installer-friendly SolarMount® HD (heavy duty) or standard SolarMount® rails and, except where noted, SolarMount® bottom mounting clips.

POLEMOUNTS™

MASTER PRICE LIST

with SIZING CHARTS

effective January 1, 2007

- 1 Choose one of the three basic PV PoleMounts configurations:
 - PV PoleTops® 3
 - Adjustable Tilt PV PoleSides™ 9
 - Fixed Tilt PV PoleSides™ 12
- 2 Review Design Wind Pressure ratings:
 - PV PoleTops® 2
- 3 Use sizing charts to select a rack series and model number based on the manufacturer, model number, and quantity of modules you plan to mount:
 - PV PoleTops® 3–5
 - Adjustable Tilt PV PoleSides™ 9–10
 - Fixed Tilt PV PoleSides™ 12
- 4 Price your rack and accessories:
 - PV PoleTops® 6–8
 - Accessories 8
 - Adjustable Tilt PV PoleSides™ 10–11
 - U-bolt Substitution 11
 - Fixed Tilt PV PoleSides™ 12

Design Wind Pressures for PV PoleTops®

To ensure the structural integrity and to provide the installer with an accurate wind pressure rating, we have thoroughly computer analyzed and laboratory tested our PV PoleTops. The resulting Design Wind Pressures—maximum allowable wind pressure in pounds per square foot (psf)—appear after model numbers on the sizing chart on pages 3–5.

Each rating applies to the mounting pole in addition to the PV PoleTops rack. Where our rating is below 50 psf, it is in most cases because our analysis predicts that the mounting pole will buckle above the rated load.

Your PV panels may carry a lower wind load rating. The manufacturers’ rating is typically 50 psf.

The ratings on our sizing chart were calculated based on the following assumptions:

- Manufacturer, model, and quantity of modules as indicated on the sizing chart;
- A tilt angle of 40 degrees from the horizontal for Series 5000 to 5003, 55 degrees for series 5004/5024 and 5014/5034;
- A mounting pole of Schedule 40 steel pipe, 5 feet above ground for Series 5000 to 5003, 6 feet for Series 5004/5024 and 5014/5034;
- Installation performed in accordance with applicable installation instructions.

What Design Wind Pressure is required for your site?

Start with the basic wind speed at the site. For this figure, consult a local professional engineer or the

building authority with jurisdiction over the site. In the United States, consult basic wind speed information in the building code appropriate to your site, for example, ASCE 7, the California Building Code, the International Building Code, or the Uniform Building Code. These codes also define wind exposure categories.

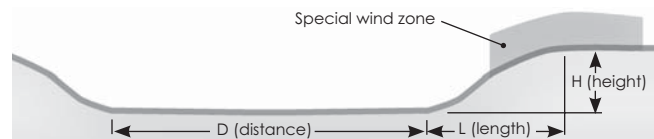
To determine your wind load, apply your basic wind speed and exposure category to the “Design Wind Pressures” table on this page. For example, if your basic wind speed is 100 miles per hour and your site fits Exposure Category C, you will require a rack with a Design Wind Pressure of 26 psf or greater.

Special terrain can experience extra high wind loads and require further analysis to determine an installation’s suitability: canyons or gaps where wind may be funneled at high speed and the upper half of some isolated hills, ridges, and escarpments. (For an example, see the “Special terrain” illustration on this page). UniRac warrants installations on “special terrain” only if a professional engineer or UniRac has determined that the wind loads at the particular site fall within published design load limits.

UniRac can provide additional help. If requirements or conditions at your site deviate significantly from the assumptions listed above, contact our Customer Service Department. We’ll input your parameters through our proprietary analysis program to quickly determine your wind load rating. We’ll put it in writing.

Design Wind Pressures (psf)

| Exposure category | Basic wind speed (mph) | | | | |
|-------------------|------------------------|-----|-----|-----|-----|
| | 90 | 100 | 110 | 120 | 130 |
| B | 14 | 18 | 21 | 25 | 30 |
| C | 21 | 26 | 32 | 38 | 44 |
| D | 26 | 32 | 38 | 46 | 53 |



Special terrain: The upper half of a hill constitutes a special wind zone if the slope ($H \div L$) is greater than 0.1 and if distance (D) to similar terrain is greater than two miles or 100 times the height of the hill (H). Contact a professional engineer or UniRac.

Configurations: PV PoleTops® Single Row



Series 5000
with SolarMount® standard rails for 2.5" (65 mm) Schedule 40 or 80 steel pole, outside dia. 2.875" (73.0 mm)



Series 5001
with SolarMount® HD (heavy duty) rails for 3" (80 mm) Schedule 40 or 80 steel pole, outside dia. 3.500" (88.9 mm)



Series 5002
with SolarMount® HD (heavy duty) rails for 4" (100 mm) Schedule 40 or 80 steel pipe, outside dia. 4.500" (114.3 mm)

Configurations: PV PoleTops® Double Row



Series 5003
with SolarMount® HD (heavy duty) rails for 4" (100 mm) Schedule 40 or 80 steel pole, outside dia. 4.500" (114.3 mm)



Series 5004/5024
with SolarMount® HD (heavy duty) rails for 6" (150 mm) Schedule 40 or 80 steel pole, outside dia. 6.625" (168.3 mm)



Series 5014/5034
with SolarMount® HD (heavy duty) rails for 6" (150 mm) Schedule 40 or 80 steel pole, outside dia. 6.625" (168.3 mm)

For larger pole sizes:

Series 5000—See "U-bolt Substitution," page 11.

Series 5004/5024 and 5014/5034—See reducer for 8-inch (200 mm) Schedule 40 or 80 steel pole, outside diameter 8.625 inches (219.1 mm), "Accessories," page 8.

KEY

500428 48

Rack item no. (series no. = first 4 digits).

Design Wind Pressure, pounds per square foot (psf). Where multiple selections are listed, choose the rack item number with the lowest design wind pressure acceptable at your site. **Note: Your PV modules may carry a lower Design Wind Pressure rating.** See "Design Wind Pressures for PV PoleTops" on the facing page.

Sizing Chart: PV PoleTops®

Select rack based on manufacturer, model number, and quantity of the modules you plan to mount.

| Module | Number of modules to be mounted | | | | | | | |
|--|---------------------------------|-----------|-----------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 12 |
| AEE | | | | | | | | |
| AE80j | 500024 115 | 500016 58 | 500117 53 | 500123 40 | 500350 33 | 500337 25 500434 43 | 500438 29 501438 54 | 501478 45 |
| BP Solar | | | | | | | | |
| BP350 | 500024 165 | 500016 83 | 500105 75 | 500110 56 | 500323 48 | 500328 36 | 500493 42 501493 78 | 500429 30 501429 65 |
| BP365 | 500023 133 | 500029 67 | 500103 60 | 500108 56 | 500321 38 | 500326 28 | 500423 35 501423 62 | 500427 26 501427 52 |
| BP380, -485 | 500024 114 | 500016 57 | 500105 52 | 500110 39 | 500323 32 | 500328 25 500421 42 | 500493 29 501493 53 | 501429 44 |
| BP3125 | 500044 46 | 500129 50 | 500132 33 | 500229 31 | 500315 20 500457 37 | 500463 22 501463 43 | 501468 34 | 501472 28 |
| BP3150, -3160, -4175, -SX160B, -SX170B | 500045 37 | 500130 39 | 500226 34 | 500340 23 500453 53 | 500459 27 501459 45 | 501466 33 | 501472 27 | |
| Evergreen | | | | | | | | |
| EC110, -115, -120 | 500036 56 | 500114 49 | 500121 32 | 500224 31 | 500342 19 500456 37 | 500462 22 501462 41 | 501467 33 | 501471 28 |
| ES170RL, -180RL, -190RL | 500039 39 | 500120 33 | 500230 28 | 500341 20 502404 40 | 503405 38 | 501470 29 | | |
| GE Energy | | | | | | | | |
| GEPV045, -050 | 500007 131 | 500001 66 | 500108 59 | 500146 44 | 500326 37 | 500330 28 500425 42 | 502400 29 503400 61 | 501419 51 |
| GEPV072, -085 | 500024 117 | 500030 59 | 500117 54 | 500122 40 | 500350 33 | 500336 25 500433 43 | 500437 30 501437 55 | 501441 46 |

GE Energy and other module sizing continues on page 4

Sizing Chart: PV PoleTops® (continued)

| Module | Number of modules to be mounted | | | | | | | |
|---|---------------------------------|------------------|------------------|--------------------------------------|--------------------------------------|--|--------------------------------------|------------------|
| | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 12 |
| GE Energy (continued) | | | | | | | | |
| GEPV100, -110 | 500007 76 | 500133 52 | 500136 34 | 500225 32 | 500313 21 500432 40 | 500437 24 501437 44 | 501444 35 | 501447 29 |
| GEPVp130 | 500007 75 | 500133 51 | 500136 34 | 500225 32 | 500313 21 500432 38 | 500437 24 501437 44 | 501444 35 | 501447 29 |
| GEPV173 | 500029 52 | 500121 35 | 500232 30 | 500335 22 500432 40 | 500439 21 501439 40 | 501447 30 | | |
| GEPVp185, -200 | 500029 51 | 500121 34 | 500232 29 | 500335 21 500432 40 | 501440 40 | 501447 30 | | |
| Isofoton | | | | | | | | |
| I-100 | 500036 68 | 500114 59 | 500121 39 | 500224 37 | 500335 25 500432 45 | 500437 27 501437 51 | 501443 40 | 501447 34 |
| I-150S | 500041 45 | 500122 40 | 500233 33 | 500336 25 500433 43 | 500441 21 501441 45 | 501450 34 | | |
| Kaneka | | | | | | | | |
| G-EA060, G-SA060 | 500014 49 | 500131 52 | 500241 45 | 500335 33 | 500439 32 | 501446 46 | | |
| Kyocera | | | | | | | | |
| KC50T, -65T, -85T | 500025 113 | 500031 57 | 500107 52 | 500113 39 | 500325 32 500486 59 | 500330 24 502401 37 | 500429 24 501429 53 | 501430 44 |
| KCI30GT, -130TM | 500043 50 | 500128 53 | 500131 35 | 500228 34 | 500342 23 500456 42 | 500462 26 501462 47 | 501467 37 | 501471 31 |
| KCI75GT | 500039 45 | 500132 40 | 500243 33 | 500313 25 500432 45 | 500440 22 501440 45 | 501447 34 | | |
| KC200GT | 500014 32 | 500132 34 | 500243 30 | 500315 22 500457 42 | 500490 21 501490 41 | 501472 31 | | |
| Mitsubishi | | | | | | | | |
| PVMF110EC3, -120EC3 | 500043 51 | 500128 53 | 500131 35 | 500228 35 | 500342 23 500456 43 | 500462 26 501462 47 | 501466 38 | 501470 31 |
| PVMF125EA2LF, -130A2LF | 500045 46 | 500130 51 | 500140 33 | 500340 31 500453 66 | 500301 21 500460 34 | 501466 43 | 501472 35 | |
| PVMF160EB3, -165EB3, -170EB3 | 500045 37 | 500130 36 | 500214 33 | 500340 23 500453 53 | 500460 27 501460 45 | 501466 34 | 501472 27 | |
| Photowatt | | | | | | | | |
| PW6-110, -123 | 500043 49 | 500128 54 | 500131 35 | 500228 34 | 500342 22 500456 42 | 500462 26 501462 46 | 501467 37 | 501471 30 |
| PW750 | 500035 84 | 500042 42 | 500119 49 | 500145 37 | 500334 31 500433 62 | 500309 23 500435 38 | 502403 27 503403 50 | 501444 42 |
| PW1650 | 500041 43 | 500123 38 | 500233 31 | 500337 24 500434 42 | 500443 21 501443 43 | 501450 32 | | |
| Schott Solar | | | | | | | | |
| ASE300-DGF 50 | 500128 45 | 500227 26 | | 501446 36 | | | | |
| Sanyo* | | | | | | | | |
| HIP180BA3, -186BA3, -190BA3, -195BA3, -200BA3 | 500002 62 | 500143 43 | 500240 36 | 500498 53 | 500495 27 501495 49 | 501487 37 | | |
| Sharp | | | | | | | | |
| NE-80EJEA | 500034 90 | 500041 45 | 500117 53 | 500123 39 | 500350 33 400496 69 | 500337 25 500434 43 501434 67 | 500494 29 401494 54 | 501478 45 |

Sharp and other module sizing continues on page 5

* Use models listed in this row only for Sanyo modules. Top mounting clamp sets are substituted to accommodate Sanyo modules, which have no mounting holes.

Sizing Chart: PV PoleTops® (continued)

| Module | Number of modules to be mounted | | | | | | | |
|---|---------------------------------|------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|--------------------------------------|--------------------------------------|
| | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 12 |
| Sharp (continued) | | | | | | | | |
| ND-L3EJEA (123w), -L5EIU (125w) | 500044 47 | 500129 46 | 500132 31 | 500229 32 | 500315 20 500457 38 | 500463 24 501463 44 | 501468 35 | 501472 29 |
| ND-N2ECU (142w) | 500039 50 | 500136 43 | 500232 37 | 500313 27 500432 50 | 500440 26 501440 50 | 501447 37 | | |
| ND-162UI, -167U3A | 500039 44 | 500136 39 | 500232 32 | 500313 24 500432 45 | 500440 22 401440 44 | 501447 33 | | |
| NE-170UI | 500027 57 | 500106 39 | 500220 32 | 500348 23 500484 50 | 500489 26 501489 44 | 501468 33 | 501479 26 | |
| ND-187UI | 500039 39 | 500132 34 | 500243 29 | 500315 21 500457 40 | 501490 39 | 501472 29 | | |
| ND-200UI, -208UI | 500039 36 | 500132 31 | 500243 26 | 500457 35 501457 50 | 501440 33 | 501472 25 | | |
| SolarWorld (Shell) | | | | | | | | |
| 80P, 85P | 500024 117 | 500030 59 | 500117 54 | 500122 40 | 500350 33 500496 70 | 500336 25 500433 43 501433 69 | 500437 30 501437 55 | 501441 46 |
| 165P, -PC, 175P, -PC | 500027 56 | 500118 38 | 500237 32 | 500348 21 500484 50 | 500489 26 501489 42 | 501467 31 | 501479 25 | |
| SunPower | | | | | | | | |
| SPR90, -95 | 500024 85 | 500030 68 | 500117 62 | 500122 46 | 500485 82 | 500327 29 500420 51 | 500425 35 501425 64 | 500428 26 501428 53 |
| SPR200BLK, -210, -215BLK, -220 | 500038 47 | 500117 41 | 500214 34 | 500340 24 500453 53 | 500460 27 401460 46 | 501466 35 | 501472 28 | |
| Suntech | | | | | | | | |
| STP060 | 500007 145 | 500001 72 | 500108 66 | 500146 49 | 500326 42 500491 75 | 500425 46 | 502400 32 503400 68 | 501419 56 |
| STP085S | 500024 115 | 500016 57 | 500118 52 | 500123 39 | 500334 33 500431 67 | 500337 25 500434 42 | 500494 29 501494 54 | 501443 45 |
| STP110-12Tb, -115-12/Tc, -120, -130, -140 | 500037 58 | 500133 51 | 500122 33 | 500235 31 | 500349 21 500481 38 | 500463 22 501463 43 | 501468 35 | 501479 29 |
| STP110-24/Ab, STP175-24/Ab-I | 500038 46 | 500118 40 | 500127 26 500237 33 | 500340 23 500453 53 | 500460 26 401460 45 | 501466 33 | 501472 27 | |
| SunWize | | | | | | | | |
| SW50C, 55, 60 | 500023 149 | 500029 74 | 500103 68 | 500108 51 | 500321 43 | 500326 31 | 500423 40 501423 70 | 500427 29 501427 58 |
| SW85, -90, -90C | 500035 69 | 500042 35 | 500119 41 | 500126 31 | 500347 26 500454 50 | 500458 30 501458 52 | 501464 41 | 501469 34 |
| SW100, -115, -120 | 500036 63 | 500114 55 | 500121 36 | 500223 34 | 500342 23 500456 43 | 500461 26 501461 47 | 501466 37 | 501470 31 |
| SW150, -155, -160 | 500038 45 | 500117 39 | 500236 32 | 500339 21 500452 53 | 500458 27 501458 40 | 501465 30 | 501470 24 | |
| Uni-Solar | | | | | | | | |
| ES62T | 500038 58 | 500118 51 | 500139 33 | 500350 32 500431 67 | 500352 21 500436 34 | 501478 43 | 501447 35 | |
| US64 | 500037 57 | 500135 50 | 500124 33 | 500339 31 500452 69 | 500317 20 500488 35 | 501490 43 | 501445 34 | 501451 28 |
| Yingli | | | | | | | | |
| YL80, -85 | 500024 117 | 500016 59 | 500106 54 | 500110 40 | 500351 33 | 500328 25 500421 43 501421 69 | 500493 29 501493 55 | 501429 46 |

Price List: Series 5000 Single Row PV PoleTops®



Series 5000
with SolarMount®
standard rails for 2½"
(65 mm) Schedule
40 or 80 steel pole,
outside dia. 2.875"
(73.0 mm)

Adapt your Series 5000 rack to a larger pole
size with U-bolt substitution.

See "U-bolt Substitution" prices on page 11.

| Item number | Rail/ channel length | Module bolt sets | Shipping | | List price |
|----------------|----------------------------|------------------------|----------|--------|---------------|
| | | | Lbs | Inches | |
| 500001 | 54"/24" | 2 | 12 | 55x4x3 | \$160.00 |
| 500002* | 38"/24" | 1* | 10 | 39x4x3 | 144.00 |
| 500007 | 28"/24" | 1 | 9 | 29x4x3 | 134.00 |
| 500014 | 40"/40" | 1 | 12 | 41x4x3 | 151.00 |
| 500016 | 44"/24" | 2 | 11 | 45x4x3 | 150.00 |
| 500023 | 20"/24" | 1 | 9 | 25x4x3 | 126.00 |
| 500024 | 22"/24" | 1 | 9 | 25x4x3 | 128.00 |
| 500025 | 26"/24" | 1 | 9 | 27x4x3 | 132.00 |
| 500027 | 34"/24" | 1 | 10 | 35x4x3 | 140.00 |
| 500029 | 40"/24" | 2 | 11 | 41x4x3 | 146.00 |
| 500030 | 42"/24" | 2 | 11 | 43x4x3 | 148.00 |
| 500031 | 52"/24" | 2 | 12 | 51x4x3 | 158.00 |

| Item number | Rail/ channel length | Module bolt sets | Shipping | | List price |
|----------------|----------------------------|------------------------|----------|--------|---------------|
| | | | Lbs | Inches | |
| 500034 | 22"/32" | 1 | 10 | 33x4x3 | \$131.00 |
| 500035 | 24"/32" | 1 | 10 | 33x4x3 | 133.00 |
| 500036 | 26"/32" | 1 | 10 | 33x4x3 | 135.00 |
| 500037 | 30"/32" | 1 | 11 | 33x4x3 | 139.00 |
| 500038 | 32"/32" | 1 | 11 | 33x4x3 | 141.00 |
| 500039 | 40"/32" | 1 | 12 | 41x4x3 | 149.00 |
| 500041 | 44"/32" | 2 | 12 | 45x4x3 | 153.00 |
| 500042 | 46"/32" | 2 | 12 | 47x4x3 | 155.00 |
| 500043 | 26"/40" | 1 | 12 | 41x4x3 | 137.00 |
| 500044 | 28"/40" | 1 | 12 | 41x4x3 | 139.00 |
| 500045 | 32"/40" | 1 | 12 | 41x4x3 | 143.00 |

Price List: Series 5001 Single Row PV PoleTops®



Series 5001
with SolarMount®
HD (heavy duty)
rails for 3" (80 mm)
Schedule 40 or 80
steel pole, outside
dia. 3.500" (88.9 mm)

| Item number | Rail/ X-tube length | Module bolt sets | Shipping | | List price |
|----------------|---------------------------|------------------------|----------|---------|---------------|
| | | | Lbs | Inches | |
| 500103 | 60"/24" | 3 | 21 | 64x5x4 | \$257.00 |
| 500105 | 64"/24" | 3 | 22 | 68x5x4 | 263.00 |
| 500106 | 66"/24" | 3 | 23 | 70x5x4 | 266.00 |
| 500107 | 78"/24" | 3 | 25 | 82x5x4 | 284.00 |
| 500108 | 80"/24" | 4 | 25 | 84x5x4 | 287.00 |
| 500110 | 86"/24" | 4 | 27 | 90x5x4 | 296.00 |
| 500113 | 104"/24" | 4 | 31 | 108x5x4 | 323.00 |
| 500114 | 52"/32" | 2 | 21 | 56x5x4 | 255.00 |
| 500117 | 64"/32" | 3 | 22 | 66x5x4 | 273.00 |
| 500118 | 66"/32" | 3 | 24 | 70x5x4 | 276.00 |
| 500119 | 70"/32" | 3 | 25 | 74x5x4 | 282.00 |
| 500120 | 76"/32" | 3 | 26 | 80x5x4 | 291.00 |
| 500121 | 78"/32" | 3 | 26 | 82x5x4 | 294.00 |
| 500122 | 84"/32" | 4 | 27 | 88x5x4 | 299.00 |
| 500123 | 86"/32" | 4 | 28 | 90x5x4 | 302.00 |
| 500124 | 88"/32" | 4 | 29 | 92x5x4 | 306.00 |

| Item number | Rail/ X-tube length | Module bolt sets | Shipping | | List price |
|----------------|---------------------------|------------------------|----------|---------|---------------|
| | | | Lbs | Inches | |
| 500126 | 92"/32" | 4 | 30 | 96x5x4 | \$312.00 |
| 500127 | 98"/32" | 3 | 31 | 102x5x4 | 321.00 |
| 500128 | 52"/40" | 2 | 22 | 56x5x4 | 265.00 |
| 500129 | 54"/40" | 2 | 23 | 58x5x4 | 268.00 |
| 500130 | 64"/40" | 2 | 23 | 66x5x4 | 283.00 |
| 500131 | 78"/40" | 3 | 27 | 82x5x4 | 299.00 |
| 500132 | 80"/40" | 3 | 27 | 84x5x4 | 302.00 |
| 500133 | 54"/32" | 2 | 20 | 58x5x4 | 258.00 |
| 500135 | 60"/32" | 2 | 22 | 64x5x4 | 267.00 |
| 500136 | 80"/32" | 3 | 26 | 84x5x4 | 297.00 |
| 500139 | 94"/32" | 3 | 28 | 98x5x4 | 315.00 |
| 500140 | 96"/40" | 3 | 29 | 100x5x4 | 326.00 |
| 500143* | 74"/32" | 2* | 26 | 78x5x4 | 288.00 |
| 500145 | 90"/32" | 4 | 30 | 94x5x4 | 309.00 |
| 500146 | 106"/24" | 4 | 31 | 106x5x4 | 326.00 |

Price List: Series 5002 Single Row PV PoleTops®



Series 5002
with SolarMount®
HD (heavy duty)
rails for 4" (100 mm)
Schedule 40 or 80
steel pole, outside
dia. 4.500" (114.3
mm)

| Item number | Rail/ X-tube length | Module bolt sets | Shipping | | List price |
|----------------|---------------------------|------------------------|----------|---------|---------------|
| | | | Lbs | Inches | |
| 500214 | 96"/40" | 3 | 40 | 100x7x4 | \$456.00 |
| 500220 | 98"/24" | 3 | 37 | 102x7x4 | 419.00 |
| 500223 | 102"/32" | 4 | 39 | 106x7x4 | 445.00 |
| 500224 | 104"/32" | 5 | 40 | 108x7x4 | 448.00 |
| 500225* | 106"/32" | 3* | 41 | 110x7x4 | 451.00 |
| 500226 | 94"/40" | 3 | 37 | 98x7x4 | 453.00 |
| 500227 | 102"/40" | 4 | 39 | 106x7x4 | 465.00 |
| 500228 | 104"/40" | 4 | 40 | 108x7x4 | 468.00 |
| 500229† | 108"/40" | 4 | 41 | 110x7x4 | 474.00 |

| Item number | Rail/ X-tube length | Module bolt sets | Shipping | | List price |
|----------------|---------------------------|------------------------|----------|---------|---------------|
| | | | Lbs | Inches | |
| 500230† | 114"/32" | 3 | 42 | 118x7x4 | \$463.00 |
| 500232† | 118"/32" | 3 | 43 | 122x7x4 | 469.00 |
| 500233† | 130"/32" | 3 | 46 | 132x7x4 | 487.00 |
| 500235† | 108"/32" | 4 | 41 | 112x7x4 | 454.00 |
| 500236 | 94"/32" | 3 | 37 | 98x7x4 | 433.00 |
| 500237 | 98"/32" | 3 | 39 | 104x7x4 | 439.00 |
| 500240*† | 108"/32" | 3* | 41 | 112x7x4 | 454.00 |
| 500241† | 114"/40" | 3 | 43 | 118x7x4 | 483.00 |
| 500243† | 118"/40" | 3 | 44 | 122x4x4 | 489.00 |

* For use with Sanyo modules only. Top mounting clamp sets are substituted to accommodate the listed number of Sanyo modules.

† Ships via truck freight only; all others may ship UPS.

Price List: Series 5003 Double Row PV PoleTops®



Series 5003
with SolarMount®
HD (heavy duty)
rails for 4" (100 mm)
Schedule 40 or 80
steel pole, outside
dia. 4.500" (114.3
mm)

| Item number | Rail/ X-tube length | Module bolt sets | Shipping | | List price |
|-------------|---------------------|------------------|----------|---------|------------|
| | | | Lbs | Inches | |
| 500301 | 96"/102" | 6 | 68 | 106x7x4 | \$647.00 |
| 500309 | 90"/84" | 8 | 63 | 94x7x4 | 594.00 |
| 500313 | 80"/84" | 6 | 59 | 88x7x4 | 564.00 |
| 500315 | 80"/102" | 6 | 63 | 106x7x4 | 599.00 |
| 500317 | 88"/102" | 6 | 66 | 106x7x4 | 623.00 |
| 500321 | 60"/72" | 6 | 49 | 76x7x4 | 469.00 |
| 500323 | 64"/72" | 6 | 51 | 76x7x4 | 481.00 |
| 500325 | 78"/72" | 6 | 55 | 82x7x4 | 523.00 |
| 500326 | 80"/72" | 8 | 56 | 84x7x4 | 529.00 |
| 500327 | 84"/72" | 8 | 57 | 88x7x4 | 541.00 |
| 500328 | 86"/72" | 8 | 58 | 90x7x4 | 547.00 |
| 500330 | 104"/72" | 8 | 63 | 108x7x4 | 596.00 |
| 500334 | 68"/84" | 6 | 56 | 88x7x4 | 528.00 |

| Item number | Rail/ X-tube length | Module bolt sets | Shipping | | List price |
|-------------|---------------------|------------------|----------|---------|------------|
| | | | Lbs | Inches | |
| 500335 | 78"/84" | 6 | 59 | 88x7x4 | \$558.00 |
| 500336 | 84"/84" | 8 | 61 | 88x7x4 | 576.00 |
| 500337 | 86"/84" | 8 | 61 | 90x7x4 | 582.00 |
| 500339 | 62"/102" | 4 | 57 | 106x7x4 | 545.00 |
| 500340 | 64"/102" | 4 | 58 | 106x7x4 | 551.00 |
| 500341 | 76"/102" | 6 | 62 | 106x7x4 | 587.00 |
| 500342 | 78"/102" | 6 | 62 | 106x7x4 | 593.00 |
| 500347 | 70"/102" | 6 | 60 | 106x7x4 | 569.00 |
| 500348 | 66"/102" | 4 | 59 | 106x7x4 | 557.00 |
| 500349 | 82"/102" | 6 | 64 | 106x7x4 | 605.00 |
| 500350 | 64"/84" | 6 | 54 | 88x7x4 | 516.00 |
| 500351 | 68"/72" | 6 | 52 | 76x7x4 | 493.00 |
| 500352 | 94"/84" | 6 | 64 | 98x7x4 | 606.00 |

Price List: Series 5004/5024 Double Row PV PoleTops®



Series 5004/5024
with SolarMount®
HD (heavy duty)
rails for 6" (150 mm)
Schedule 40 or 80
steel pole outside
dia. 6.625" (168.3
mm)

| Item number | Rail/ X-tube length | Module bolt sets | Shipping† | | List price |
|-------------|---------------------|------------------|-----------|---------|------------|
| | | | Lbs | Inches | |
| 500420† | 84"/72" | 8 | 66 | 88x7x4 | \$720.00 |
| 500421† | 86"/72" | 8 | 67 | 90x7x4 | 727.00 |
| 500423† | 100"/72" | 10 | 74 | 104x7x4 | 776.00 |
| 500425† | 106"/72" | 10 | 76 | 110x7x4 | 797.00 |
| 500427 | 120"/72" | 12 | 86 | 124x7x4 | 846.00 |
| 500428 | 126"/72" | 12 | 89 | 130x7x4 | 867.00 |
| 500429 | 130"/72" | 12 | 91 | 134x7x4 | 881.00 |
| 500431† | 66"/84" | 6 | 65 | 88x7x4 | 677.00 |
| 500432† | 80"/84" | 6 | 69 | 88x7x4 | 726.00 |
| 500433† | 84"/84" | 8 | 73 | 88x7x4 | 740.00 |
| 500434† | 86"/84" | 8 | 74 | 90x7x4 | 747.00 |
| 500435† | 90"/84" | 8 | 75 | 92x7x4 | 761.00 |
| 500436† | 98"/84" | 6 | 77 | 104x7x4 | 789.00 |
| 500437† | 106"/84" | 10 | 82 | 106x7x4 | 817.00 |
| 500438 | 110"/84" | 10 | 84 | 114x7x4 | 831.00 |
| 500439 | 116"/84" | 6 | 86 | 120x7x4 | 852.00 |
| 500440 | 118"/84" | 8 | 87 | 122x7x4 | 859.00 |
| 500441 | 126"/84" | 12 | 92 | 130x7x4 | 887.00 |
| 500443 | 130"/84" | 12 | 95 | 134x7x4 | 901.00 |
| 500452† | 62"/102" | 4 | 67 | 106x7x4 | 683.00 |
| 500453† | 64"/102" | 4 | 68 | 106x7x4 | 690.00 |
| 500454† | 70"/102" | 6 | 70 | 106x7x4 | 711.00 |
| 500456† | 78"/102" | 6 | 74 | 106x7x4 | 739.00 |
| 500457† | 80"/102" | 6 | 75 | 106x7x4 | 746.00 |

| Item number | Rail/ X-tube length | Module bolt sets | Shipping† | | List price |
|---|---------------------|------------------|-----------|---------|------------|
| | | | Lbs | Inches | |
| 500458† | 92"/102" | 8 | 81 | 106x7x4 | \$788.00 |
| 500459† | 94"/102" | 6 | 82 | 106x7x4 | 795.00 |
| 500460† | 96"/102" | 6 | 83 | 106x7x4 | 802.00 |
| 500461† | 102"/102" | 8 | 86 | 106x7x4 | 823.00 |
| 500462† | 104"/102" | 8 | 87 | 110x7x4 | 830.00 |
| 500463 | 108"/102" | 8 | 89 | 112x7x4 | 844.00 |
| 500481† | 82"/102" | 6 | 76 | 106x7x4 | 753.00 |
| 500484† | 66"/102" | 4 | 67 | 106x7x4 | 697.00 |
| 500485† | 64"/72" | 6 | 57 | 76x7x4 | 650.00 |
| 500486† | 78"/72" | 6 | 64 | 82x7x4 | 699.00 |
| 500488† | 88"/102" | 6 | 79 | 106x7x4 | 774.00 |
| 500489† | 98"/102" | 6 | 84 | 106x7x4 | 809.00 |
| 500490 | 118"/102" | 6 | 94 | 122x7x4 | 879.00 |
| 500491† | 80"/72" | 6 | 65 | 84x7x4 | 706.00 |
| 500493 | 108"/72" | 10 | 80 | 112x7x4 | 804.00 |
| 500494 | 108"/84" | 10 | 84 | 112x7x4 | 824.00 |
| 500495* | 108"/84" | 6* | 84 | 112x7x4 | 824.00 |
| 500496† | 64"/84" | 6 | 61 | 88x7x4 | 670.00 |
| 500498*† | 74"/84" | 4* | 65 | 88x7x4 | 705.00 |
| Series 5004 continues as Series 5024 | | | | | |
| 502400 | 132"/72" | 10 | 92 | 136x7x4 | 888.00 |
| 502401 | 104"/72" | 8 | 77 | 108x7x4 | 790.00 |
| 502403† | 112"/84" | 10 | 86 | 116x7x4 | 838.00 |
| 502404† | 76"/102" | 4 | 72 | 106x7x4 | 732.00 |

* For use with Sanyo modules only. Top mounting clamp sets are substituted to accommodate the listed number of Sanyo modules.

† May ship via UPS at customer request. UPS shipments will be divided into two boxes in addition to the hardware box. Total weight remains approximately as listed.

‡ Series 5004 racks include a separate hardware box (20 lbs., 8 x 8 x 8 inches) in addition to the listed shipping box.

Price List: Series 5014/5034 Double Row PV PoleTops® with High Wind Brace



Series 5014/5034 with SolarMount® HD (heavy duty) rails for 6" (150 mm) Schedule 40 or 80 steel pole, outside dia. 6.625" (168.3 mm)

| Item number | Rail/ X-tube length | Module bolt sets | Shipping† | | List price |
|-------------|---------------------|------------------|-----------|---------|------------|
| | | | Lbs | Inches | |
| 501419 | 160"/72" | 12 | 124 | 163x7x6 | \$1,151.00 |
| 501421† | 86"/72" | 8 | 87 | 89x7x6 | 892.00 |
| 501423† | 100"/72" | 10 | 94 | 103x7x6 | 941.00 |
| 501425† | 106"/72" | 10 | 97 | 109x7x6 | 960.00 |
| 501427 | 120"/72" | 12 | 102 | 123x7x6 | 1,011.00 |
| 501428 | 126"/72" | 12 | 104 | 129x7x6 | 1,032.00 |
| 501429 | 130"/72" | 12 | 106 | 133x7x6 | 1,046.00 |
| 501430 | 156"/72" | 12 | 114 | 159x7x6 | 1,137.00 |
| 501433† | 84"/84" | 8 | 90 | 87x7x6 | 905.00 |
| 501434† | 86"/84" | 8 | 91 | 89x7x6 | 912.00 |
| 501437† | 106"/84" | 10 | 97 | 109x7x6 | 982.00 |
| 501438 | 110"/84" | 10 | 101 | 113x7x6 | 996.00 |
| 501439 | 116"/84" | 6 | 103 | 119x7x6 | 1,017.00 |
| 501440 | 118"/84" | 8 | 104 | 121x7x6 | 1,024.00 |
| 501441 | 126"/84" | 12 | 108 | 129x7x6 | 1,052.00 |
| 501443 | 130"/84" | 12 | 109 | 133x7x6 | 1,066.00 |
| 501444 | 134"/84" | 12 | 111 | 135x7x6 | 1,080.00 |
| 501445 | 148"/102" | 10 | 118 | 149x7x6 | 1,149.00 |
| 501446 | 154"/84" | 8 | 122 | 157x7x6 | 1,150.00 |
| 501447 | 158"/84" | 12 | 123 | 161x7x6 | 1,164.00 |
| 501450 | 172"/84" | 8 | 132 | 175x7x6 | 1,213.00 |
| 501451 | 176"/102" | 12 | 133 | 179x7x6 | 1,247.00 |
| 501457† | 80"/102" | 6 | 93 | 83x7x6 | 911.00 |
| 501458† | 92"/102" | 8 | 97 | 105x7x6 | 953.00 |
| 501459† | 94"/102" | 6 | 98 | 105x7x6 | 960.00 |

| Item number | Rail/ X-tube length | Module bolt sets | Shipping† | | List price |
|---|---------------------|------------------|-----------|---------|------------|
| | | | Lbs | Inches | |
| 501460† | 96"/102" | 6 | 99 | 105x7x6 | \$ 967.00 |
| 501461† | 102"/102" | 8 | 101 | 105x7x6 | 988.00 |
| 501462† | 104"/102" | 8 | 102 | 107x7x6 | 995.00 |
| 501463† | 108"/102" | 8 | 103 | 111x7x6 | 1,009.00 |
| 501464 | 116"/102" | 10 | 106 | 119x7x6 | 1,037.00 |
| 501465 | 124"/102" | 8 | 113 | 127x7x6 | 1,065.00 |
| 501466 | 128"/102" | 10 | 115 | 131x7x6 | 1,079.00 |
| 501467 | 130"/102" | 10 | 116 | 133x7x6 | 1,086.00 |
| 501468 | 134"/102" | 10 | 118 | 137x7x6 | 1,100.00 |
| 501469 | 138"/102" | 12 | 120 | 141x7x6 | 1,114.00 |
| 501470 | 154"/102" | 12 | 128 | 157x7x6 | 1,170.00 |
| 501471 | 156"/102" | 12 | 129 | 159x7x6 | 1,177.00 |
| 501472 | 160"/102" | 12 | 132 | 163x7x6 | 1,191.00 |
| 501478 | 128"/84" | 12 | 109 | 131x7x6 | 1,059.00 |
| 501479 | 164"/102" | 12 | 134 | 167x7x6 | 1,205.00 |
| 501487* | 144"/84" | 8* | 119 | 147x7x6 | 1,115.00 |
| 501489† | 98"/102" | 6 | 102 | 101x7x6 | 974.00 |
| 501490 | 118"/102" | 8 | 112 | 121x7x6 | 1,044.00 |
| 501493 | 108"/72" | 10 | 98 | 111x7x6 | 969.00 |
| 501494 | 108"/84" | 10 | 102 | 111x7x6 | 989.00 |
| 501495* | 108"/84" | 6* | 101 | 111x7x6 | 989.00 |
| Series 5014 continues as Series 5034 | | | | | |
| 503400 | 132"/72" | 10 | 110 | 135x7x6 | 1,053.00 |
| 503403 | 112"/84" | 10 | 104 | 115x7x6 | 1,003.00 |
| 503405 | 114"/102" | 6 | 110 | 117x7x6 | 1,030.00 |

* For use with Sanyo modules only. Top mounting clamp sets are substituted to accommodate the listed number of Sanyo modules.

† May ship via UPS at customer request. UPS shipments will be divided into two boxes in addition to the hardware box. Total weight remains approximately as listed.

‡ Series 5014 racks include a separate hardware box (23 lbs., 8 x 8 x 8 inches) in addition to the listed shipping box.

Accessories

| Item number | Description | Shipping wt. | List price |
|-------------|---|--------------|------------|
| 321218 | Clips and hardware to mount one extra module | 1 lb. | \$ 6.50 |
| 990204 | Convert rack, place 3-inch model on 4-inch (100 mm) Schedule 40/80 pole, O.D. 4.500 inches (114.3 mm) | | 69.00 |
| 990300 | Pole reducer, place 6-inch model on 8-inch (200 mm) Schedule 40/80 pole, O.D. 8.625 inches (219.1 mm) | 30 lbs. | 295.00 |
| 990301 | Pole reducer, place 4-inch model on 6-inch (150 mm) Schedule 40/80 pole, O.D. 6.625 inches (168.3 mm) | 18 lbs. | 155.00 |

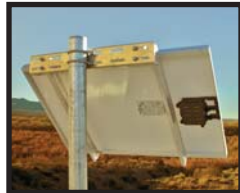


Pole reducer

Configurations: Adjustable Tilt PV PoleSides™



Series 4000
for 2" (50 mm) Schedule 40 or 80 steel pole, outside dia. 2.375" (60.3 mm)



Series 4001
with SolarMount® standard rails for 2.5" (65 mm) Schedule 40 or 80 steel pole, outside dia. 2.875" (73.0 mm)



Series 4002
with SolarMount® standard rails for 2.5" (65 mm) Schedule 40 or 80 steel pole, outside dia. 2.875" (73.0 mm); 3" (80 mm) Schedule 40 or 80 steel pole, outside dia. 3.500" (88.9 mm); or 4" (100 mm) Schedule 40 or 80 steel pole, outside dia. 4.500" (114.3 mm)

The Price List for Series 4002 lists pole sizes for each model. See page 11.

Adapt your rack to different pole sizes with U-bolt substitution. Series 4011 and 4012 racks may go on 1.5-inch Schedule 40 or 80 poles. Series 4000 to 4002 racks may go only on larger pipes.

See "U-bolt Substitution" prices on page 11.

Sizing Chart: Adjustable Tilt PV PoleSides™

Select rack based on manufacturer, model number, and quantity of the modules you plan to mount.

| Module make and model | Number of modules to be mounted | | | |
|---------------------------------------|---------------------------------|--------|--------|--------|
| | 1 | 2 | 3 | 4 |
| AEE | | | | |
| AE5G, AE5/6G | 400002 | 400011 | | |
| AE10G | 400006 | 400032 | | |
| AE20G | 400024 | 400263 | | |
| AE85J | 400111 | 400211 | 400250 | 400227 |
| BP Solar | | | | |
| BPSX5M, -10M | 400006 | 400032 | | |
| BPSX10U | 400005 | 400027 | | |
| BPSX20M, -20U, -30M, -30U | 400021 | 400208 | | |
| BP340 | 400027 | 400211 | 400218 | 400227 |
| BP350 | 400039 | 400211 | 400218 | 400227 |
| BP365 | 400101 | 400208 | 400216 | 400223 |
| BP380, -485 | 400111 | 400211 | 400218 | 400227 |
| BP3125 | 400236 | 400233 | 400224 | 400232 |
| BP3150, -3160, -4175; BPSX160B, -170B | 400207 | 400219 | 400230 | |
| Evergreen | | | | |
| EC110, -115, -120 | 400204 | 400212 | 400222 | 400231 |
| ES170-RL, -180RL, -190RL | 400209 | 400242 | | |
| GE Energy | | | | |
| GEPV030 | 400026 | 400251 | | |
| GEPV045, -050 | 400107 | 400213 | 400223 | 400229 |
| GEPV072, -085 | 400111 | 400251 | 400218 | 400225 |
| GEPV100, -110 | 400235 | 400213 | 400223 | 400229 |
| GEPvP130 | 400235 | 400243 | 400223 | 400229 |
| GEPV173 | 400208 | 400223 | | |
| GEPvP185, -200 | 400208 | 400223 | | |

| Module make and model | Number of modules to be mounted | | | |
|---|---------------------------------|--------|--------|--------|
| | 1 | 2 | 3 | 4 |
| Isofoton | | | | |
| I-100 | 400204 | 400212 | 400222 | 400231 |
| I-150S | 400210 | 400226 | | |
| IS-150 | 400207 | 400244 | 400228 | |
| Kaneka | | | | |
| G-EA060, G-SA060 | 400248 | 400245 | | |
| Kyocera | | | | |
| KSS, -10, -20 | 400011 | 400107 | | |
| KC50T, -65T, -85T | 400107 | 400213 | 400223 | 400229 |
| KC130GT, -130TM | 400257 | 400214 | 400224 | 400246 |
| KC175GT | 400209 | 400222 | | |
| KC200GT | 400209 | 400224 | | |
| Mitsubishi | | | | |
| PV-MF110EC3, -120EC3 | 400257 | 400214 | 400224 | 400246 |
| PV-MF125A2LF, -130EA2LF | 400207 | 400219 | 400230 | |
| PV-MF160EB3, -165EB3, -170EB3 | 400237 | 400219 | 400230 | |
| Photowatt | | | | |
| PW6-110, -123 | 400257 | 400214 | 400224 | 400246 |
| PW750 | 400103 | 400210 | 400220 | 400259 |
| PW1650 | 400210 | 400226 | | |
| Sanyo* | | | | |
| HIP180BA3, 186BA3, 190BA3, 195BA3, 200BA3 | 400239 | 400249 | | |
| Schott Solar | | | | |
| ASE300-DGF/50 | 400214 | | | |

Module sizing continues on page 10

* Use models listed in this row only for Sanyo modules. Top mounting clamp sets are substituted to accommodate Sanyo modules, which have no mounting holes.

Sizing Chart: Adjustable Tilt PV PoleSides™ (continued)

Select rack based on manufacturer, model number, and quantity of the modules you plan to mount.

| Module make and model | Number of modules to be mounted | | | |
|-----------------------------------|---------------------------------|--------|--------|--------|
| | 1 | 2 | 3 | 4 |
| Sharp | | | | |
| NE-80EJEA | 400112 | 400210 | 400244 | 400254 |
| ND-L3EJEA (123w), ND-L5E1U (125w) | 400236 | 400233 | 400224 | 400232 |
| ND-N2ECU (142w) | 400209 | 400222 | | |
| ND-162UI, ND-167U3A | 400209 | 400222 | | |
| NE-170UI | 400238 | 400250 | 400247 | |
| ND-187UI | 400209 | 400222 | | |
| ND-200UI, 208UI | 400209 | 400224 | | |
| SolarWorld (Shell) | | | | |
| 80P, 85P | 400111 | 400251 | 400218 | 400225 |
| 165P, -PC; 175P, -PC | 400238 | 400250 | 400247 | |
| SunPower | | | | |
| SPR90, -95 | 400111 | 400251 | 400218 | 400225 |
| SPR200BLK, -210, -215BLK, -220 | 400207 | 400244 | 400228 | |
| Suntech | | | | |
| STP060 | 400107 | 400243 | 400223 | 400229 |

| Module make and model | Number of modules to be mounted | | | |
|--|---------------------------------|--------|--------|--------|
| | 1 | 2 | 3 | 4 |
| Suntech (continued) | | | | |
| STP085S | 400111 | 400211 | 400250 | 400227 |
| STP110-12/Tb, -115-12/Tc, -120, -130, -140 | 400235 | 400253 | 400258 | 400261 |
| STP110-24/Ab | 400207 | 400244 | 400228 | |
| STP175-24/Ab-1 | 400207 | 400244 | 400228 | |
| SunWize | | | | |
| SW50C, -55, -60 | 400101 | 400251 | 400216 | 400223 |
| SW85, -90, -90C | 400204 | 400212 | 400222 | 400259 |
| SW100, -115, -120 | 400204 | 400212 | 400222 | 400231 |
| SW150 | 400207 | 400244 | 400259 | |
| Uni-Solar | | | | |
| ES62T | 400206 | 400244 | 400228 | |
| US64 | 400207 | 400215 | 400226 | |
| Yingli | | | | |
| YL80, -85 | 400111 | 400211 | 400250 | 400227 |

Price List: Series 4000
Adjustable Tilt PV PoleSides™



Series 4000
for 2" (50 mm) Schedule 40 or 80 steel pole, outside dia. 2.375" (60.3 mm)

| Item number | Rail/ channel length | Module bolt sets | Shipping | | List price |
|-------------|----------------------|------------------|----------|--------|------------|
| | | | Lbs | Inches | |
| 400002 | 10"/10" | 1 | 5 | 11x4x3 | \$69.00 |
| 400005 | 12"/15" | 1 | 5 | 16x4x3 | 74.00 |
| 400006 | 12"/10" | 1 | 5 | 13x4x3 | 71.00 |
| 400011 | 14"/10" | 2 | 5 | 15x4x3 | 73.00 |
| 400021 | 20"/25" | 1 | 7 | 26x4x3 | 88.00 |
| 400024 | 20"/10" | 1 | 6 | 22x4x3 | 79.00 |
| 400026 | 22"/25" | 1 | 7 | 26x4x3 | 90.00 |
| 400027 | 22"/15" | 2 | 6 | 24x4x3 | 84.00 |
| 400032 | 24"/10" | 2 | 6 | 26x4x3 | 83.00 |
| 400039 | 22"/20" | 1 | 6 | 24x4x3 | 87.00 |

Price List: Series 4001
Adjustable Tilt PV PoleSides™



Series 4001
with SolarMount® standard rails for 2½" (65 mm) Schedule 40 or 80 steel pole, outside dia. 2.875" (73.0 mm)

| Item number | Rail/ channel length | Module bolt sets | Shipping | | List price |
|-------------|----------------------|------------------|----------|--------|------------|
| | | | Lbs | Inches | |
| 400101 | 20"/24" | 1 | 6 | 25x4x3 | \$120.00 |
| 400103 | 24"/32" | 1 | 6 | 33x4x3 | 129.00 |
| 400107 | 28"/24" | 2 | 8 | 29x4x3 | 128.00 |
| 400111 | 22"/24" | 1 | 6 | 25x4x3 | 122.00 |
| 400112 | 22"/32" | 1 | 8 | 33x4x3 | 127.00 |

Price List: Series 4002 Adjustable Tilt PV PoleSides™



Series 4002
with SolarMount® standard rails for
2½" (65 mm) Schedule 40 or 80 steel pole,
outside dia. 2.875" (73.0 mm);
3" (80 mm) Schedule 40 or 80 steel pole,
outside dia. 3.500" (88.9 mm);
or 4" (100 mm) Schedule 40 or 80 steel pole,
outside dia. 4.500" (114.3 mm)

| Item number | Rail / channel length | Module bolt sets | Fits Sch 40/80 pole size (in) | Shipping | | List price |
|-------------|-----------------------|------------------|-------------------------------|----------|--------|------------|
| | | | | Lbs | Inches | |
| 400204 | 28"/30" | 1 | 2½ | 12 | 31x4x4 | \$182.00 |
| 400206 | 32"/25" | 1 | 2½ | 15 | 33x4x4 | 184.00 |
| 400207 | 32"/35" | 1 | 2½ | 16 | 36x4x4 | 196.00 |
| 400208 | 40"/25" | 2 | 2½ | 19 | 41x4x4 | 200.00 |
| 400209 | 40"/35" | 2 | 2½ | 20 | 41x4x4 | 212.00 |
| 400210 | 46"/30" | 2 | 2½ | 21 | 47x4x4 | 222.00 |
| 400211 | 44"/25" | 2 | 2½ | 20 | 45x4x4 | 208.00 |
| 400212 | 52"/32" | 2 | 3 | 21 | 53x4x4 | 302.00 |
| 400213 | 52"/24" | 2 | 3 | 20 | 53x4x4 | 290.00 |
| 400214 | 52"/40" | 2 | 3 | 22 | 80x4x4 | 314.00 |
| 400215 | 60"/32" | 2 | 3 | 24 | 61x4x4 | 314.00 |
| 400216 | 60"/24" | 3 | 3 | 24 | 61x4x4 | 302.00 |
| 400218 | 64"/24" | 3 | 3 | 24 | 65x4x4 | 308.00 |
| 400219 | 64"/40" | 3 | 3 | 25 | 81x4x4 | 332.00 |
| 400220 | 68"/32" | 3 | 3 | 24 | 69x4x4 | 326.00 |
| 400222 | 80"/32" | 3 | 4 | 25 | 81x4x4 | 372.00 |
| 400223 | 80"/24" | 4 | 4 | 25 | 81x4x4 | 360.00 |
| 400224 | 80"/40" | 3 | 4 | 27 | 81x4x4 | 384.00 |
| 400225 | 84"/24" | 4 | 4 | 30 | 85x4x4 | 366.00 |
| 400226 | 88"/32" | 4 | 4 | 26 | 89x4x4 | 384.00 |
| 400227 | 88"/24" | 4 | 4 | 26 | 89x4x4 | 372.00 |

| Item number | Rail / channel length | Module bolt sets | Fits Sch 40/80 pole size (in) | Shipping | | List price |
|-------------|-----------------------|------------------|-------------------------------|----------|---------|------------|
| | | | | Lbs | Inches | |
| 400228 | 96"/32" | 3 | 4 | 27 | 97x4x4 | \$396.00 |
| 400229 | 106"/24" | 4 | 4 | 30 | 107x4x4 | 402.00 |
| 400230 | 96"/40" | 3 | 4 | 30 | 97x4x4 | 408.00 |
| 400231 | 104"/32" | 4 | 4 | 32 | 105x4x4 | 408.00 |
| 400232† | 108"/40" | 4 | 4 | 35 | 109x4x4 | 432.00 |
| 400233 | 56"/40" | 2 | 3 | 24 | 57x4x4 | 320.00 |
| 400235 | 28"/25" | 2 | 2½ | 14 | 29x4x4 | 176.00 |
| 400236 | 28"/40" | 1 | 2½ | 15 | 41x4x4 | 194.00 |
| 400237 | 32"/40" | 1 | 2½ | 15 | 41x4x4 | 202.00 |
| 400238 | 36"/30" | 1 | 2½ | 19 | 37x4x4 | 198.00 |
| 400239* | 38"/30" | 1* | 2½ | 20 | 39x4x4 | 194.00 |
| 400242 | 76"/32" | 2 | 4 | 30 | 77x4x4 | 338.00 |
| 400243 | 54"/24" | 2 | 3 | 22 | 55x4x4 | 296.00 |
| 400244 | 64"/32" | 3 | 3 | 24 | 65x4x4 | 320.00 |
| 400245 | 76"/40" | 2 | 4 | 29 | 77x4x4 | 350.00 |
| 400246 | 104"/40" | 4 | 4 | 34 | 105x4x4 | 420.00 |
| 400247 | 98"/24" | 3 | 4 | 28 | 99x4x4 | 387.00 |
| 400248 | 40"/40" | 1 | 2½ | 17 | 41x4x4 | 218.00 |
| 400249* | 72"/40" | 2* | 4 | 30 | 73x4x4 | 344.00 |
| 400250 | 66"/24" | 3 | 3 | 24 | 67x4x4 | 311.00 |
| 400251 | 42"/25" | 2 | 2½ | 16 | 43x4x4 | 204.00 |
| 400253 | 54"/32" | 2 | 3 | 23 | 55x4x4 | 306.00 |
| 400254 | 86"/32" | 4 | 4 | 30 | 87x4x4 | 384.00 |
| 400257 | 26"/35" | 1 | 2½ | 14 | 36x4x4 | 184.00 |
| 400258 | 82"/32" | 3 | 4 | 29 | 83x4x4 | 375.00 |
| 400259 | 92"/32" | 4 | 4 | 35 | 93x4x4 | 390.00 |
| 400261† | 108"/32" | 4 | 4 | 38 | 109x4x5 | 417.00 |
| 400263 | 36"/24" | 2 | 2½ | 15 | 37x4x4 | 192.00 |

* For use with Sanyo modules only. Top mounting clamp sets are substituted to accommodate the listed number of Sanyo modules.

† Ships via truck freight only; all others may ship UPS.

U-Bolt Substitution Chart for Alternate Pole Sizes and Wall Mounting

If you plan to mount your rack on a different size pole, use this chart to substitute larger U-bolts. On your order, list the substitution item number and amount. U-bolts up to 13 inches may be special ordered. Smaller-than-standard pole sizes are not recommended, except for Series 4011 and 4012. For wall mounting, U-bolts are removed and the dollar values (in parenthesis) are credited. These substitution charges apply to list prices only.

| Series & standard Schedule 40/80 pole size | U-bolts | Schedule 40/80 pole size to be substituted | | | | Wall mounting |
|--|---------|--|---|--|--|------------------|
| | | 1½" (O.D. 1.900") 40 mm (O.D. 48.3 mm) | 2½" (O.D. 2.875") 65 mm (O.D. 73.0 mm) | 3" (O.D. 3.500") 80 mm (O.D. 88.9 mm) | 4" (O.D. 4.500") 100 mm (O.D. 114.3 mm) | |
| 4000 for 2-inch pole | 1 | | 990319 \$3.00 | 990320 \$3.50 | 990321 \$4.00 | 990318 (\$ 1.50) |
| 4001 for 2½-inch pole | 2 | | | 990323 6.00 | 990324 7.00 | 990322 (3.00) |
| 4002 for 2½-inch pole | 2 | | | 990323 6.00 | 990324 7.00 | 990322 (3.00) |
| 4002 for 3-inch pole | 4 | | | | 990326 12.00 | 990325 (8.00) |
| 4002 for 4-inch pole | 4 | | | | | 990327 (10.00) |
| 4011 for 2-inch pole | 2 | 990334 \$1.50 | | | | |
| 4012 for 2-inch pole | 2 | 990334 1.50 | | | | |
| 5000 for 2½-inch pole | 2 | | | 990323 6.00 | 990324 7.00 | |

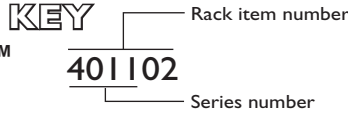
Configurations: Fixed Tilt PV PoleSides™ for One Module



Series 4011
for 2" (50 mm) Schedule 40 or 80 steel pole, outside dia. 2.375" (60.3 mm)



Series 4012
for 2" (50 mm) Schedule 40 or 80 steel pole, outside dia. 2.375" (60.3 mm)



Sizing Chart: Fixed Tilt PV PoleSides™
Select rack based on manufacturer, model number, and tilt angle of the module you plan to mount.

| Module make and model | 45° tilt | 60° tilt | Module make and model | 45° tilt | 60° tilt |
|---------------------------------------|----------|----------|---------------------------------|----------|----------|
| AEE | | | Mitsubishi | | |
| AE85J | 401224 | 401225 | PVMF110EC3, -120EC3 | 401214 | 401216 |
| BP Solar | | | Photowatt | | |
| BPSX5M, -10M | 401102 | | PW750, -1650 | 401228 | 401229 |
| BPSX20M, -20U, -30M, -30U | 401104 | | Sharp | | |
| BP350 | 401224 | 401225 | NE-80EJEA | 401224 | 401225 |
| BP365 | 401224 | 401225 | ND-L3EJEA (123 watt) | 401214 | 401216 |
| BP380, -485 | 401224 | 401225 | ND-L5EIU (125 watt) | 401214 | 401216 |
| BP3125 | 401214 | 401216 | ND-N2ECU (142w) | 401228 | 401229 |
| BP3150, -3160, -4175; BPSX160B, -170B | 401226 | 401227 | ND-I62UI, ND-I67U3A | 401228 | 401229 |
| Evergreen | | | NE-170UI | 401226 | 401227 |
| EC110, -115, -120 | 401214 | 401216 | ND-I87UI | 401228 | 401229 |
| ES170RL, -180RL, -190RL | 401228 | 401229 | SolarWorld (Shell) | | |
| GE Energy | | | 80P, 85P | 401224 | 401225 |
| GEPV030 | 401224 | 401225 | 165-P, -PC; 175-P, -PC | 401226 | 401227 |
| GEPV072, -085 | 401224 | 401225 | SunPower | | |
| GEPV100, -110 | 401214 | 401216 | SPR90, -95 | 401224 | 401225 |
| GEPVp130 | 401214 | 401216 | SPR-200-BLK, 210, 215-BLK, 220, | 401226 | 401227 |
| GEPV173 | 401228 | 401229 | Suntech | | |
| GEPVp185 | 401228 | 401229 | STP060 | 401214 | 401216 |
| GEPV200 | 401228 | 401229 | STP110-24/Ab | 401226 | 401227 |
| Isofoton | | | STP175-24/Ab-I | | |
| I-150S | 401228 | 401229 | SunWize | | |
| IS-150 | 401226 | 401227 | SW50C, -55, -60 | 401224 | 401225 |
| Kyocera | | | SW85, -90, -90C | 401224 | 401225 |
| KSS | 401102 | | SW100, -115, -120 | 401214 | 401216 |
| KS10 | 401102 | | SW150 | 401226 | 401227 |
| KS20 | 401102 | | UniSolar | | |
| KC50T | 401210 | 401212 | US64 | 401226 | 401227 |
| KC130GT, -130TM | 401214 | 401216 | Yingli | | |
| KC175GT | 401228 | 401229 | YL80, -85 | 401224 | 401225 |

Price List: Series 4011
Fixed Tilt PV PoleSides™

| Model number | Tilt angle | Shipping | | List price |
|--------------|------------|----------|--------|------------|
| | | Lbs | Inches | |
| 401102 | 45° | 3 | 1x4x14 | \$35.00 |
| 401104 | 45° | 3 | 1x4x20 | 45.00 |

Price List: Series 4012
Fixed Tilt PV PoleSides™

| Model number | Tilt angle | Shipping | | List price |
|--------------|------------|----------|---------|------------|
| | | Lbs | Inches | |
| 401210 | 45° | 6 | 3x20x37 | \$ 99.00 |
| 401212 | 60° | 6 | 3x15x25 | 95.00 |
| 401214 | 45° | 6 | 3x24x42 | 109.00 |
| 401216 | 60° | 6 | 3x24x42 | 105.00 |
| 401224 | 45° | 7 | 3x20x37 | 95.00 |
| 401225 | 60° | 7 | 3x20x37 | 92.00 |
| 401226 | 45° | 7 | 3x24x42 | 116.00 |
| 401227 | 60° | 7 | 3x24x42 | 109.00 |
| 401228 | 45° | 7 | 3x20x37 | 124.00 |
| 401229 | 60° | 7 | 3x20x37 | 117.00 |