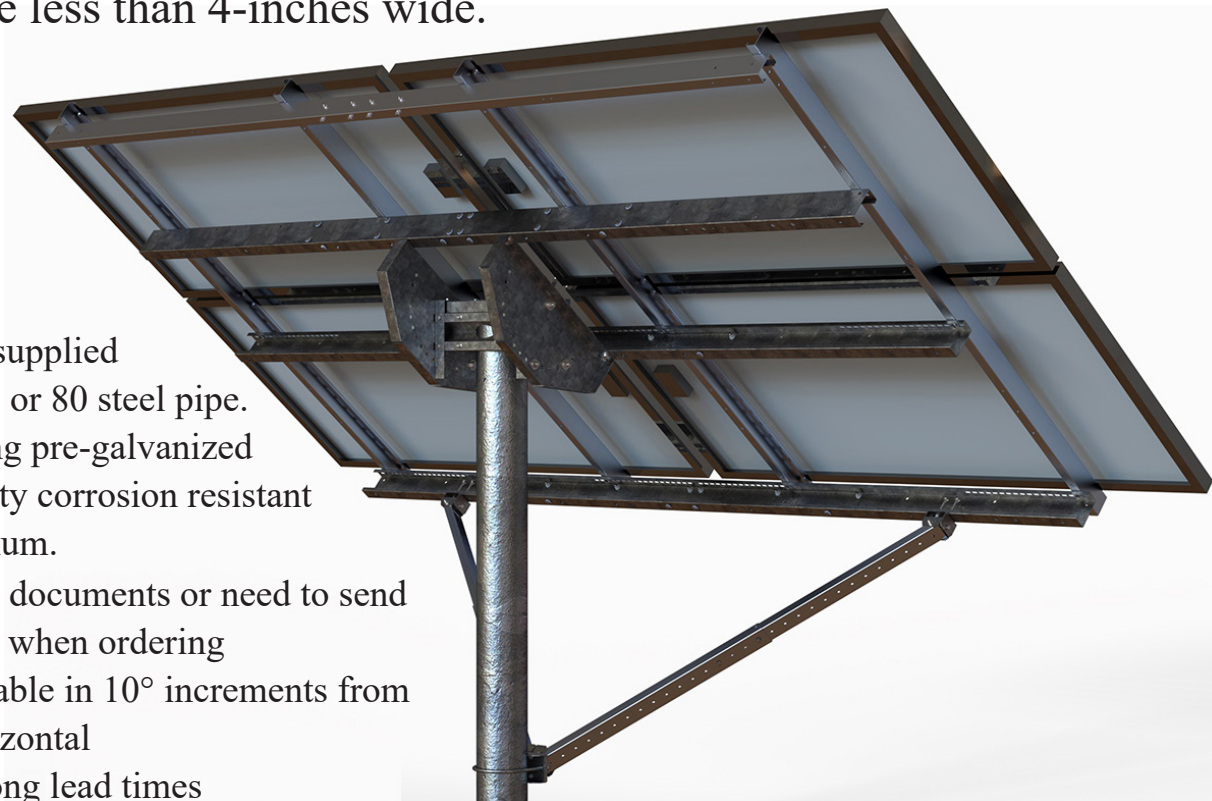




Tamarack Solar
Products

4 MODULE - HIGH WIND POLE TOP MOUNT LTP-LCR/82HW

The LTP-LCR/82HW is designed and engineered for four 60 or 72 cell modules that are less than 4-inches wide.



- Mounts on a user-supplied 6-inch schedule 40 or 80 steel pipe.
- Manufactured using pre-galvanized steel and heavy-duty corrosion resistant 5000 series aluminum.
- No complex sizing documents or need to send module data sheets when ordering
- Tilt angle is adjustable in 10° increments from 0° to 60° from horizontal
- IN STOCK - No long lead times
- UPS shippable
- Total shipping weight is 240 pounds in six boxes
- Fits modules with mounting hole spacing of 20.95" to 58.68"
- Easily installed by a single person
- Stainless Steel Hardware
- **Certified for up to 150 mph wind speeds**

See table on next page for maximum wind speed at various module tilt angles.

Some tilt angles require the high load kit LTP-HLKT-082 to be ordered separately.

The table below shows the required footing depth for 18" and 30" diameter footings in Class 4 and Class 5 soils for various tilt angles. If the wind speed or snow load you are expecting is in yellow on the table on the following page, the footing size in the table below on the yellow line should be used.

Footing Depths					
Soil Type		Class 5		Class 4	
Footing Diameter		18"	30"	18"	30"
TILT ANGLE	0°	4.50	3.75	4.25	3.25
	10°	6.25	5.00	5.25	4.25
	20°	6.75	5.50	5.75	4.75
	20°	7.00	6.25	6.50	5.25
	30°	8.25	6.50	7.00	5.75
	30°	8.25	6.75	7.25	5.50
	40°	7.50	6.25	6.50	5.25
	40°	11.50	9.50	10.00	8.00
	50°	12.50	10.00	10.50	8.50
	60°	12.25	10.00	10.50	8.50

The table below shows the design wind speed for various module tilt angles and maximum snow loads. The yellow cells require the HLKT-82 High Load Kit and larger footings. The blue cell, when using 72 cell modules, require the HLKT-82 High Load Kit, and larger footings. If the mount will be used at a 50 or 60 tilt angle, a schedule 80 mouning pole is required.If the wind speed or snow load you are expecting is in yellow, the footing size in the table at the bottom of the previous page on the yellow line should be used.

LTP-LCR/82HW WIND AND SNOW LOAD TABLES								
TILT ANGLE	Design Wind Speed		Ground Snow Load					
	ASCE 7-10 MPH	ASCE 7-05 MPH	0 psf	10 psf	20 psf	30 psf	40 psf	50 psf
0°	110	85	60 or 72	60 or 72	60 or 72	60 or 72		
	115	89	60 or 72	60 or 72	60 or 72	60 or 72		
	120	93	60 or 72	60 or 72	60 or 72	60 or 72		
	130	100	60 or 72	60 or 72	60 or 72			
	140	108	60 or 72	60 or 72	60 or 72			
	150	116	60 or 72	60 or 72				
10°	110	85	60 or 72	60 or 72	60 or 72			
	115	89	60 or 72	60 or 72	60 or 72			
	120	93	60 or 72	60 or 72	60 or 72			
	130	100	60 or 72	60 or 72	60 or 72			
	140	108	60 or 72	60 or 72				
20°	110	85	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	
	115	89	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	
	120	93	60 or 72	60 or 72	60 or 72	60 or 72		
	130	100	60 or 72	60 or 72	60 or 72	60 or 72		
	140	108	60 or 72	60 or 72	60 or 72			
30°	110	85	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	115	89	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	120	93	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	130	100	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	140	108	60 or 72	60 or 72	60 or 72	60 or 72	60 ONLY	60 ONLY
	150	116	60 ONLY	60 ONLY	60 ONLY	60 ONLY		
40°	110	85	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	115	89	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	120	93	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	130	100	60 / 72	60 / 72	60 / 72	60 or 72	60 or 72	60 or 72
	140	108	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	150	116	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
6-inch schedule 80 mounting pole required for tilt angles below this line								
50°	110	85	60 / 72	60 / 72	60 / 72	60 or 72	60 or 72	60 or 72
	115	89	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	120	93	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	130	100	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	140	108	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	150	116	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
60°	110	85	60 / 72	60 / 72	60 / 72	60 / 72	60 / 72	60 / 72
	115	89	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	120	93	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	130	100	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	140	108	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	150	116	60 only	60 only	60 only	60 only	60 only	60 only