



Tamarack Solar  
Products

## 6 MODULE - HIGH WIND POLE TOP MOUNT LTP-LCR/124HW

The LTP-LCR/124HW is designed and engineered for six 60 or 72 cell modules that are less than 41" wide.



- Mounts on a user-supplied 6" schedule 40 or 80 steel pipe. See table on back for which schedule pole required
- Fits modules with mounting hole spacing of 20.95" to 58.68"
- Manufactured using pre-galvanized steel and heavy-duty corrosion resistant 5000 series aluminum with stainless Steel hardware
- 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 for immediate ground shipment
- Total shipping weight is 260 pounds in six boxes
- Easily installed and adjusted by a single person
- **Certified for up to 130 mph wind speeds and 50 psf snow load. - Some tilt angles require the high load kit LTP-HLKT-124 to be ordered separately. See table on next page for maximum wind speed at various module tilt angles and to see if you need the LTP-HLKT-124.**

The table below shows the design wind speed for various module tilt angles and maximum snow loads. The yellow cells and the blue cell with 72 cell modules require the LTP-HLKT-124 High Load Kit, Schedule 80 vertical pipe and larger footings. If the wind speed or snow load you are expecting is in yellow, the footing size in the table at the bottom of the page on the yellow line should be used.

LTP-LCR/124HW Wind and Load Data								
TILT ANGLE	Design Wind Speed		Ground Snow Load					
	ASCE 7-10	ASCE 7-05	0 psf	10 psf	20 psf	30 psf	40 psf	50 psf
	MPH	MPH						
0°	110	85	60 or 72	60 or 72	60 ONLY			
	115	89	60 or 72	60 or 72				
	120	93	60 or 72	60 or 72				
	130	100	60 ONLY	60 ONLY				
10°	110	85	60 or 72	60 or 72				
	115	89	60 or 72	60 or 72				
	120	93	60 ONLY	60 ONLY				
	130	100	60 ONLY	60 ONLY				
20°	110	85	60 or 72	60 or 72	60 or 72	60 ONLY		
	115	89	60 ONLY	60 ONLY	60 or 72			
	120	93	60 ONLY	60 / 72	60 ONLY			
30°	110	85	60 or 72	60 or 72	60 or 72	60 or 72		
	115	89	60 ONLY	60 ONLY	60 or 72	60 ONLY		
	120	93	60 ONLY	60 or 72	60 or 72			
40°	110	85	60 ONLY	60 ONLY	60 or 72	60 or 72	60 or 72	
	115	89	60 ONLY	60 or 72	60 or 72	60 or 72		
	120	93	60 ONLY	60 or 72	60 or 72	60 or 72		
	130	100	60 ONLY	60 or 72	60 or 72			
50°	110	85	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 ONLY
	115	89	60 or 72	60 or 72	60 or 72	60 or 72	60 ONLY	60 ONLY
	120	93	60 ONLY	60 ONLY	60 ONLY	60 ONLY	60 ONLY	
60°	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 ONLY	60 ONLY	60 ONLY	60 ONLY	60 ONLY	60 ONLY

The table at right shows the required footing depth for 18" and 30" diameter footings in Class 4 and Class 5 soils for various tilt angles. Color of row at any given angle must match the color of the design wind speed cell you are using.

Footing Depths in Feet					
Soil Type		Class 5		Class 4	
Footing Diameter		18"	30"	18"	30"
TILT ANGLE	0°	4.00	3.50	3.50	3.00
	10°	4.50	3.75	4.00	3.25
	20°	6.00	5.00	5.25	4.25
	20°	7.50	6.00	6.25	5.25
	30°	8.25	6.50	7.00	5.75
	30°	9.25	7.75	8.00	6.75
	40°	7.50	6.25	6.50	5.25
	40°	10.00	8.25	8.75	7.25
	50°	11.25	9.00	9.50	7.75
	60°	11.75	9.50	10.00	8.00