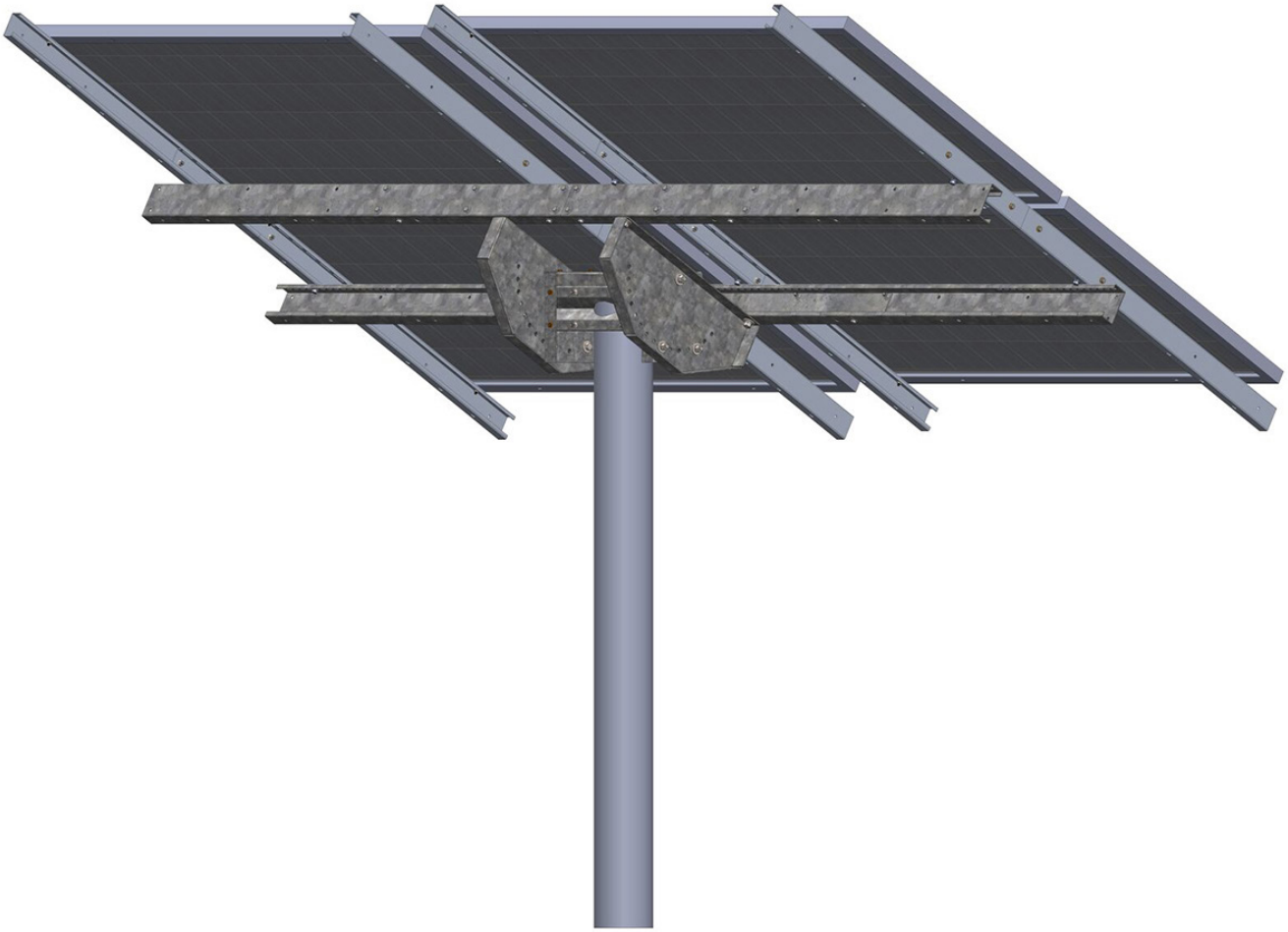
Tamarack Solar Products

4 MODULE POLE TOP MOUNT LTP-LCR/82R

The LTP-LCR/82R is designed and engineered for four 60 or 72 cell modules that are less than 41” wide.



- Mounts on a user-supplied 6” schedule 40 or schedule 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 easily adjustable in 10° increments from 0° to 60° from horizontal
- IN STOCK - No long lead times
- UPS Shippable
- Total shipping weight is 192 pounds in four boxes
- Fits modules with mounting hole spacing of 20.95” to 58.68”
- Easily installed and adjusted by a single person
- Stainless Steel Hardware
- Certified for up to 130 mph wind speeds.

See table below for wind ratings at various tilt angles and snow loads. For tilt angles of 50° or 60°, use a 6-inch **schedule 80** mounting pole.

LTP-LCR/82R WIND AND SNOW LOAD DATA					
Tilt Angle	Design Wind Speed ASCE 7-10 MPH	Ground Snow Load			
		0 psf	10 psf	20 psf	30 psf
0°	110	60 or 72	60 or 72	60 or 72	60 ONLY
	115	60 or 72	60 or 72	60 or 72	60 ONLY
	120	60 or 72	60 or 72	60 or 72	60 ONLY
	130	60 or 72	60 or 72	60 ONLY	
	140	60 or 72	60 or 72	60 ONLY	
	150	60 ONLY	60 ONLY		
10°	110	60 or 72	60 or 72		
	115	60 ONLY	60 ONLY		
	120	60 ONLY	60 ONLY		
	130	60 ONLY			
20°	110	60 or 72	60 or 72	60 ONLY	
	115	60 ONLY	60 ONLY	60 ONLY	
	120	60 ONLY	60 ONLY	60 ONLY	
30°	105	60 or 72	60 or 72	60 ONLY	
	110	60 or 72	60 or 72	60 ONLY	
40°	105	60 or 72	60 or 72	60 ONLY	
	110	60 ONLY	60 ONLY	60 ONLY	
6-inch schedule 80 mounting pole required for tilt angles below this line					
50°	105	60 or 72	60 or 72	60 ONLY	
	110	60 or 72	60 ONLY	60 ONLY	
60°	105	60 or 72	60 or 72	60 ONLY	60 ONLY
	110	60 ONLY	60 ONLY	60 ONLY	60 ONLY

The table below shows the required footing depth for 18-inch and 30-inch diameter footings in Class 4 and Class 5 soils for various tilt angles.

Footing Depth					
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
	30°	7.25	6.00	6.25	5.25
	40°	7.50	6.25	6.50	5.25
	50°	9.25	7.50	7.75	6.25
	60°	9.50	7.75	8.25	6.75