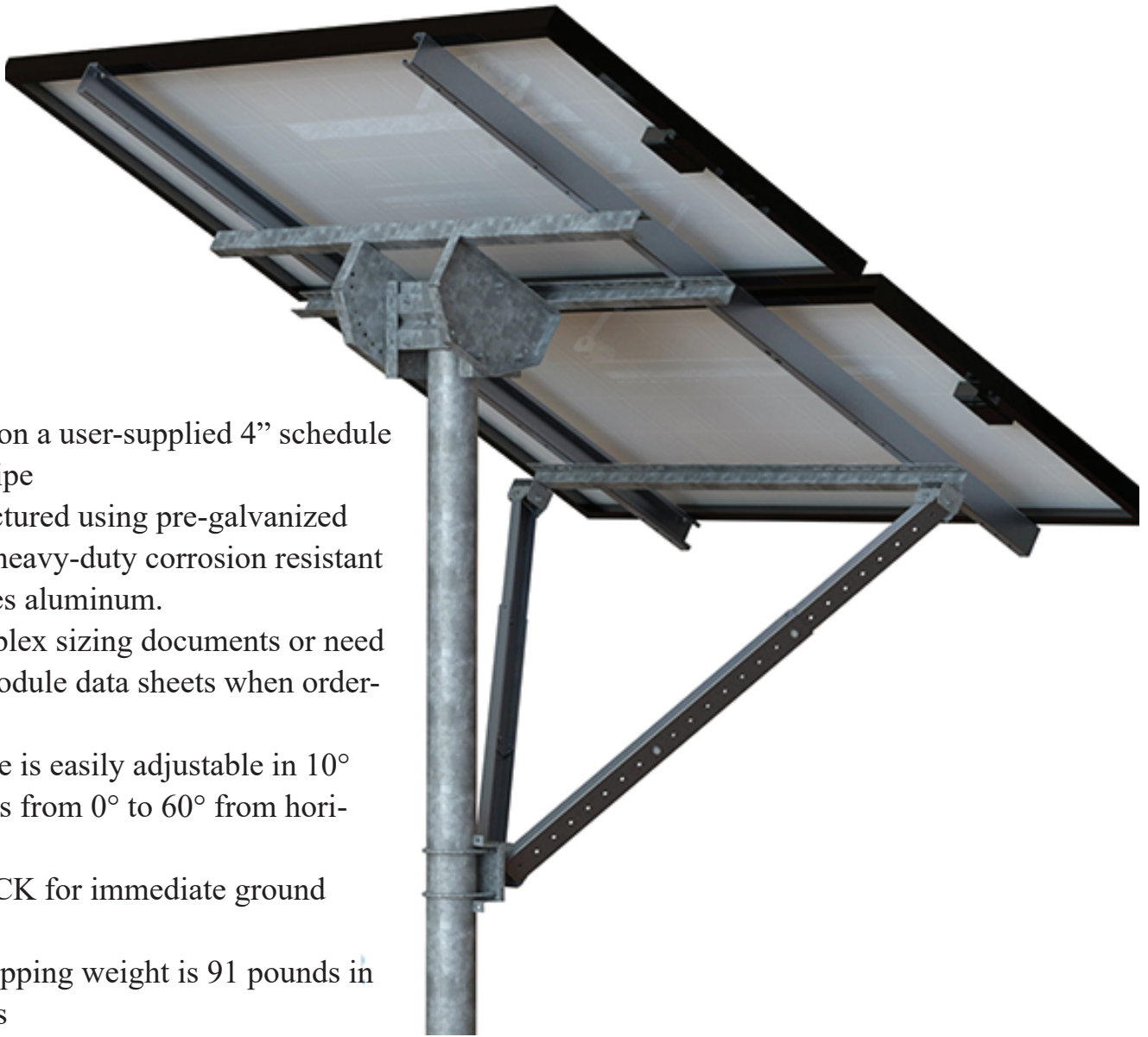


2 MODULE - HIGH WIND POLE TOP MOUNT STP-LCR/82HW

The STP-LCR/82HW is designed and engineered for two 60 or 72 cell modules that are less than 41" wide.

- Mounts on a user-supplied 4" schedule 40 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 for immediate ground shipment
- Total shipping weight is 91 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 150 mph wind speeds - see Design Wind Speed Table for maximum wind speed and snow load at various module tilt angles



The table below shows the design wind speed for various module tilt angles and maximum snow loads.

Module 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	60 ONLY	
	130	100	60 or 72	60 or 72	60 or 72	60 ONLY		
	140	108	60 or 72	60 or 72	60 or 72			
	150	116	60 or 72	60 or 72	60 ONLY			
10°	120	85	60 or 72	60 or 72	60 or 72			
	120	93	60 or 72	60 or 72	60 ONLY			
	130	100	60 or 72	60 or 72	60 ONLY			
	150	116	60 or 72	60 or 72				
20°	115	89	60 or 72	60 or 72	60 or 72			
	120	93	60 or 72	60 or 72	60 ONLY			
	130	100	60 or 72	60 or 72				
	150	116	60 ONLY	60 ONLY				
30°	115	89	60 or 72	60 or 72	60 ONLY			
	120	93	60 or 72	60 or 72	60 ONLY			
	130	100	60 ONLY	60 ONLY				
40°	110	85	60 or 72	60 or 72	60 or 72	60 ONLY	60 ONLY	
	115	89	60 or 72	60 or 72	60 or 72	60 ONLY		
	120	93	60 or 72	60 or 72	60 ONLY			
	130	100	60 ONLY	60 ONLY	60 ONLY			
50°	110	85	60 or 72	60 or 72	60 or 72	60 or 72	60 ONLY	60 ONLY
	115	89	60 or 72	60 or 72	60 or 72	60 or 72	60 ONLY	
	120	93	60 or 72	60 or 72	60 or 72	60 ONLY	60 ONLY	
	130	100	60 ONLY	60 ONLY	60 ONLY	60 ONLY		
60°	120	93	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72	60 or 72
	130	100	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. Choose The yellow or orange lines depending on the color of the square that corresponds to the tilt angle, wind speed and snow load you are planning for in the table above,

		Footing Depths (feet)			
		Class 5		Class 4	
Footing Diameter		18"	30"	18"	30"
TILT ANGLE	0°	4.00	3.50	3.75	3.25
	0°	4.50	3.75	3.75	3.25
	10°	4.00	3.25	3.50	3.00
	10°	4.50	3.75	4.00	3.25
	20°	4.75	4.00	4.25	3.50
	20°	5.25	4.25	4.50	3.75
	30°	5.25	4.25	4.50	3.75
	30°	6.50	5.25	5.50	4.50
	40°	5.75	4.75	5.00	4.00
	40°	7.25	5.75	6.00	5.00
	50°	6.75	5.50	5.75	4.75
	50°	7.50	6.25	6.50	5.25
	60°	6.75	5.50	5.75	4.75
	60°	8.00	6.50	6.75	5.50