



UNI-PGRM/2P1 TWO MODULE POLE MOUNT

VERTICAL AND HORIZONTAL SCHEDULE-40 PIPE IS NOT INCLUDED. PURCHASE LOCALLY
 * Some wind speeds and snow loads require Sch-80 pipe.

- Mount two solar modules with a total area of 50 sq-ft and a frame thickness between 1.18 and 2 inches*
- Suitable for wind speed up to 150 MPH and snow load up to 100 PSF snow load with a maximum post height of 6-feet above ground
- Tilt angle from 10° to 60°.
- Ships via UPS - 2 Boxes - 42-lbs
- Simple one-person installation and adjustment

* Larger modules can be mounted with reduced wind and snow load.



SCAN ME

Scan the QR Code above to download manuals and engineering certifications from the Tamarack Solar website.

User supplies: Vertical pole - 4-inch schedule 40 steel pipe (4.5-inch OD)
 Horizontal Beam - 3-inch schedule 40 steel pipe (3.5-inch OD).

See table below to determine depth of embedment of the vertical post. Add embedment to height above ground for vertical post length.

3-inch horizontal beam must be a minimum of 5-inches wider than the 2-times the solar module width.

Angle	Max Ground Snow Load		
	150 MPH	130 MPH	110 MPH
10°	90 PSF	100 PSF	100 PSF
20°	90 PSF	100 PSF	100 PSF
30°	100 PSF	100 PSF	100 PSF
40°	Note 1	Note 1	100 PSF
50°	Note 2	Note 1	100 PSF
60°	Note 2	Note 2	Note 1
Note 1: Requires Sch-80 Vertical Post			
Note 2: Requires Sch-80 Vertical Pipe filled with 2,500 psi concrete			

Soil Class	Pier Depth Required for 18-inch Diameter Hole (feet)					
	Array Tilt					
	10°	20°	30°	40°	50°	60°
Class 3	4	5	6	6	7	7
Class 4	4	5	6	7	7	7
Class 5	5	6	7	8	8	9

Soil Class	Pier Depth Required for 24-inch Diameter Hole (feet)					
	Array Tilt					
	10°	20°	30°	40°	50°	60°
Class 3	4	5	6	6	6	6
Class 4	5	6	6	6	7	7
Class 5	5	6	7	7	7	8