

4-MODULE POLE MOUNT

UNI-PGRM/4P1 and UNI-PGRM/4P2 (for modules 38-IN - 72-IN long)
UNI-PGRM/4P1-47 and UNI-PGRM/4P2-47 (for modules 72-IN- 96-IN long)

- Mount 4 solar modules with a total area of 100 SQFT and a frame thickness between 1.18-IN and 2.0-IN
- Simple one-person installation & adjustment
- Ships via UPS
- Tilt angle from 10° to 60°, per engineering (0° to 85° possible)
- Suitable for wind speed up to 150 MPH and snow load up to 100 PSF with two 4-IN poles
- Maximum post height of 6-FT above ground
- Some wind speeds / snow loads require an additional vertical pole and/or Sch-80 pipe.
- The number of vertical posts required depends on tilt angle, and maximum wind and snow load. See table below to determine pipe requirements. See engineering memo for more detailed specs, pier diameter and depth. Depths range from 5 to 10 feet with diameters of 18-IN or 24-IN.
- 3-IN horizontal beam must be a minimum of 8-IN wider than 4-times the solar module width.



USER-SUPPLIED (PURCHASE LOCALLY):

Vertical pole(s)

4-IN Sched-40/80 steel pipe (4.5-IN OD)

Horizontal beam

3-IN Sched-40 steel pipe (3.5-IN OD)

UNI-PGRM-4P1

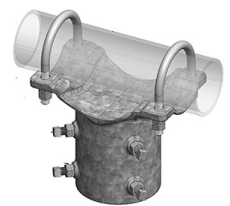
Kit includes:

- (1) Pole Cap
- (2) End Clamps
- (3) Mid Clamps

UNI-PGRM-4P2

Kit includes:

- (2) Pole Caps
- (2) End Clamps
- (3) Mid Clamps



70-0300-PGM-B



Scan the QR Code above to download manuals and engineering certifications from the Tamarack Solar website.
www.tamaracksolar.com/downloads

Pipe Requirements for Various Tilt Angle, Wind and Snow Load								
UNI-PGRM/4P1 (1 post) & UNI-PGRM/4P2 (2 posts; cells shaded gray)								
Angle	Wind	0 psf	10 psf	20 psf	30 psf	50 psf	80 psf	100 psf
10°	95 MPH	A	A	B	C	C	C	D
	110MPH	A	B	C	C	C	C	D
	150 MPH	C	C	C	C	C	C	D
20°	95 MPH	A	A	B	C	C	C	C
	110MPH	B	B	C	C	C	C	C
	150 MPH	C	C	C	C	C	C	C
30°	100 MPH	B	B	B	C	C	C	C
	110 MPH	C	C	C	C	C	C	C
	150 MPH	C	C	C	C	C	C	C
40°	90 MPH	A	A	B	B	C	C	C
	130 MPH	C	C	C	C	C	C	C
	150 MPH	C	C	C	C	C	C	C
50°	110 MPH	C	C	C	C	C	C	C
	130 MPH	E	E	E	E	E	E	E
	150 MPH	F	F	F	F	F	F	F
60°	95 MPH	C	C	C	C	C	C	C
	130 MPH	E	E	E	E	E	E	E
	150 MPH	G	G	G	G	G	G	G
Note A requires 1 Schedule 40 Pole and a Schedule 40 Beam								
Note B requires 1 Schedule 80 Pole and a Schedule 40 Beam								
Note C requires 2 Schedule 40 Poles and a Schedule 40 Beam								
Note D requires 2 Schedule 80 Poles and a Schedule 40 Beam								
Note E requires 2 Schedule 40 Poles with 1-foot bollard and a Schedule 40 Beam								
Note F requires 2 Schedule 40 Poles with 2-foot bollards and a Schedule 40 Beam								
Note G requires 2 Schedule 40 Poles with 3-foot bollards and a Schedule 40 Beam								
						Blocks that are shaded gray require 2 vertical poles. Use mount UNI-PGRM/4P2.		
						Need an additional Pole Cap? Order item #70-0300-PGM-B		