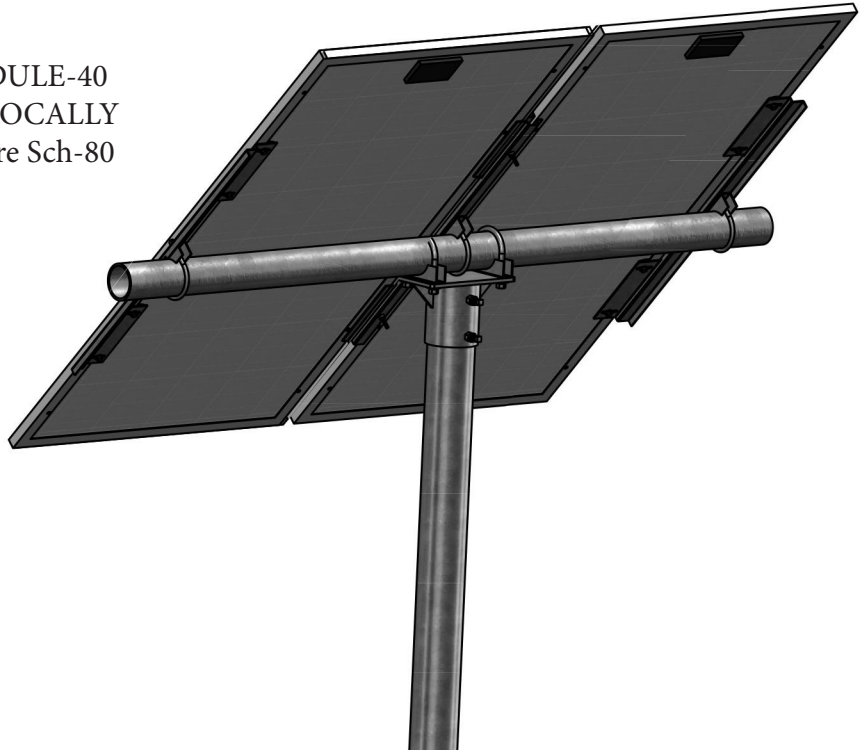




UNI-PGRM/2P1 TWO MODULE POLE MOUNT

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 dimensions up to 83 x 43 inches 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



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 determined depth of imbedment of the vertical post. Add imbedment 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.

Max Ground Snow Load			
Angle	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 filed with 2,500 psi concrete			

Pier Depth Required for 18-inch Diameter Hole (feet)						
Soil Class	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

Pier Depth Required for 24-inch Diameter Hole (feet)						
Soil Class	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