

Solar Panel Top of Pole Mount

Features

- All components required to mount 2x 60-72 cell modules, nominally 230 through 360 watt modules
- Stainless Steel, Galvanized Steel, and Anodized Aluminum construction
- Includes integrated equipment ground solution
- Tilts ranging from 10 to 65 degrees
- 45 inches clearance to front of array for snow shedding
- Includes flanged vertical post and concrete anchors
- Ships in single crate

Applications

- 720W remote power generation
- Oil and gas monitoring stations
- Security monitoring
- Wireless stations
- Remote Cabins
- Grid connected power supplement

Description

Tycon Solar's versatile Pole Top solution is designed to satisfy the most common small-medium solar power needs, particularly in the wireless and security infrastructure markets.

The mount assembles easily and can be used to construct 720Wp (2 x 360Wp modules) stations, whether used to connect directly to a grid with grid tied inverter(s) to offset power usage, or charge a battery bank for remote applications. With modules commonly available up to 360W+, even greater power production can be achieved in a single installation.

Made with heavy galvanized steel, anodized aluminum rails and stainless-steel hardware, the structure is designed for many years of durability in harsh environments. With the array centrally balanced on the pole top, manual seasonal tilt or orientation adjustments can be made easily by one person.

The 2 panel pole top mount is expandable to 4 panels and 6 panels using available Tycon® adapter kits as your needs grow. See below for adapter kit part numbers.

When comparing pole mounts be sure to remember that the Tycon® Pole Top includes the mounting pole and anchors in the price of the system.



Specifications

	TPSM-350x2-TP	
Pole height	1829mm (72")	
Pole Diameter	140mm (6")	
Max array height (back of array at 65deg)	3048mm (120")	
Min array height (front of array at 65deg)	1143mm (45")	
Total module rail length	2083mm (82")	
Structural cross tube total length	2 module: 1499mm (59")	
Array Dimensions	Width: 3367mm (132.5") Height: 2017mm (79.4")	
Panel Thickness	30-50MM	
Tilt	10 – 65 degrees	
Mounting method	anchor bolts in concrete footing (Anchors included, concrete provided by installer)	
Max wind speed	100mph	
International Compliant Standards	GB50009-2001 GB50011-2001 GB/T 13912-92 GBT 14846-2008 GB-T 6892-2006 GB50429-2007 GB50017-2003 AS NZS 1170 ASCE/SEI 7-05	ASCE/SEI 7-010 2007 California Administrative Code IBC 2006 Euro Code 8 DIN1055 EN 1991-1-3 - Snow Load EN 1991-1-4 - Wind Actions
Crate Outside Dimensions	2007 x 540 x 483mm (79 x 21.25 x 19")	
Shipping Weight	115kg (253lbs)	
Warranty	3 years	



System Ordering:

TPSM-350x2-TP Top of Pole mount for two 250-360W solar panels. Includes flanged base pole/concrete anchors

Adapter Kits for TPSM-350x2-TP

TPSM-350x4-AdapterKit Extra mounting hardware to accommodate 2 additional solar panels.
TPSM-350x6-AdapterKit Extra mounting hardware to accommodate 4 additional solar panels.

For further information contact:

Tyconsystems.com

