

Solar Panel Top of Pole Mount

Features

- All components required to mount 2 or 4x 60 cell modules, nominally 230 through 280 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 anchors
- Ships in single crate

Applications

- 1000W+ remote power generation
- Oil and gas monitoring stations
- Security monitoring
- Wireless stations
- Grid connected power supplement

Description

Tycon Power Systems 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 500Wp (2 x 250Wp modules) or 1000Wp (4 x 250Wp 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 280W+, even greater power production can be achieved in a single installation. Made with galvanized steel, anodized aluminum rails and stainless steel hardware, the structure is designed for years of durability in harsh environments. With the array centrally balanced on the pole top, manual seasonal orientation adjustments can be made easily. 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.



TPSM-250x4-TP



typical remote application with ENC-AL-65x18x20



Mount with 4 modules

Specifications

	TPSM-250x4-TP	
Pole height	1829mm (72")	
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") 4 module: 2597mm (102.25")	
Array Dimensions	Width: 3367mm (132.5") Height: 2017mm (79.4")	
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	2 year	

System Ordering

TPSM-250x4-TP

Top of Pole mount for two or four 250W class (10x6 matrix, 6inch cell) solar panels. Includes flanged base pole and anchors

For further information contact: Tyconpower.com



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