



# TPSM-250x4-TP

## DATA SHEET

### Solar Panel Top of Pole Mount

#### Features

- All components required to mount 2 or 4x 60 cell modules, nominally 230 through 320 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

- 1000W+ remote power generation
- Oil and gas monitoring stations
- Security monitoring
- Wireless stations
- 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 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 320W+, 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.



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typical remote application with ENC-AL-65x18x20



Mount with 4 modules

## Specifications

	<b>TPSM-250x4-TP</b>	
<b>Pole height</b>	1829mm (72")	
<b>Max array height (back of array at 65deg)</b>	3048mm (120")	
<b>Min array height (front of array at 65deg)</b>	1143mm (45")	
<b>Total module rail length</b>	2083mm (82")	
<b>Structural cross tube total length</b>	2 module: 1499mm (59") 4 module: 2597mm (102.25")	
<b>Array Dimensions</b>	Width: 3367mm (132.5") Height: 2017mm (79.4")	
<b>Panel Thickness</b>	30-50MM	
<b>Tilt</b>	10 – 65 degrees	
<b>Mounting method</b>	anchor bolts in concrete footing (Anchors included, concrete provided by installer)	
<b>Max wind speed</b>	100mph	
<b>International Compliant Standards</b>	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
<b>Crate Outside Dimensions</b>	2007 x 540 x 483mm (79 x 21.25 x 19")	
<b>Shipping Weight</b>	115kg (253lbs)	
<b>Warranty</b>	3 years	

## System Ordering

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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:** [Tyconsystems.com](http://Tyconsystems.com)

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