

Heavy Duty Solar Panels

Features

- Up to +3% Positive Power Output Tolerance
- Excellent Low Light Performance
- Extremely Reliable. 5 Year Product Warranty. 25 year solar cell output warranty.
- High Efficiency with high transparency low iron tempered glass cover. Rugged extruded anodized aluminum frame
- Sealed for protection from harsh environments

Applications

- Off-Grid Systems
- Wireless Base Stations
- On-Grid Roof Top Systems
- Surveillance Cameras
- Outdoor Lighting
- Pumping Applications



TPS-24-360W 72 Cell High Efficiency Mono Solar Panel

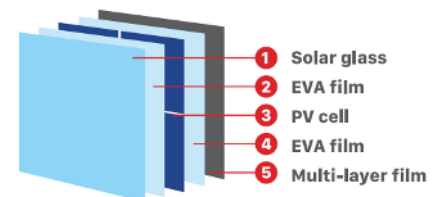
Description

The TPS-24-360W solar panels are high efficiency 72 cell design with excellent low light performance. The panels are perfect for almost any off-grid or on-grid application.

The monocrystalline silicon solar cells are laminated with a TPT (Tedlar/Polyester/Tedlar) and EVA (Ethylene Vinyl Acetate) bi-layer for high reliability and long life.

The cell array is sealed in a heavy duty extruded type 6063 alloy aluminum frame with a high transparency low iron tempered glass cover, with anti-reflective coating to enhance solar absorption, and protect the solar cells from harsh environments; hail, wind, snow and ice.

The solar panels are easy to mount because of the aluminum frame design. The wired connections are via a weatherproof junction box on the back of the panels and include attached 1.1 meter outdoor cables terminated with standard MC-4 solar connectors.



Heavy Duty Construction:

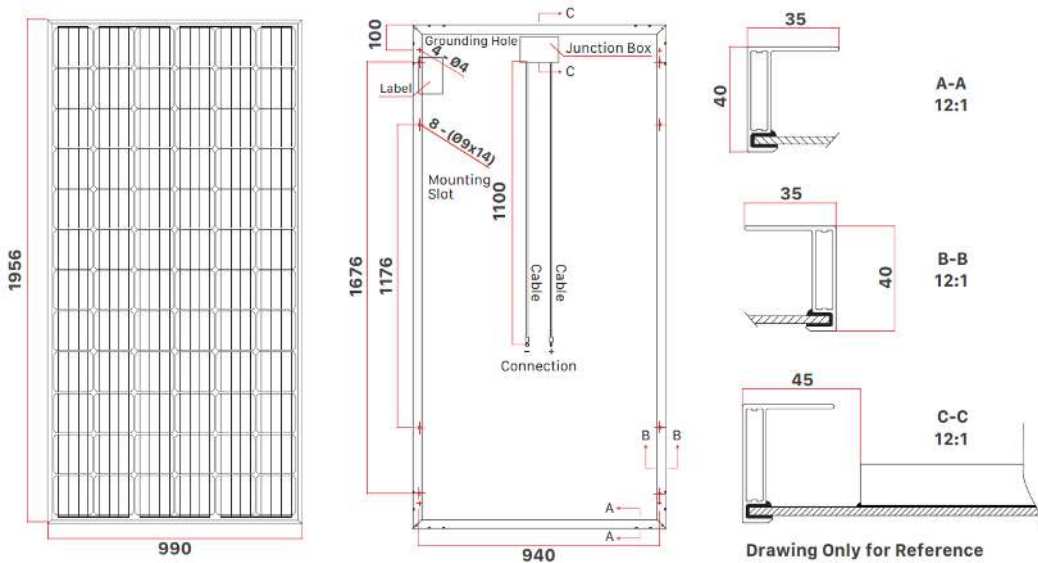
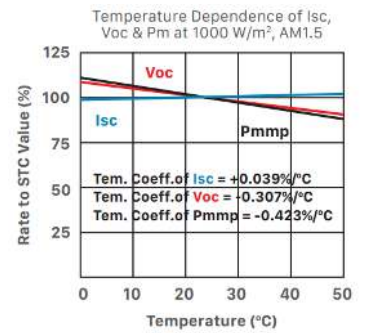
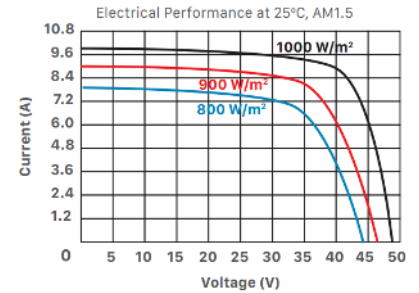
- Heavy snow load to 5400Pa which equals approximately 22inch of very heavy wet snow.
- High winds to 2400Pa which equals about 140Mph of wind velocity.



Specifications

TPS-24-360W	
Maximum Power (+3%)	360W
Voltage at Pmax (Vmp)	38.55V
Current at Pmax (Imp)	9.34A
Open Circuit Voltage (Voc)	47.73V
Short Circuit Current (Isc)	9.87A
Module Efficiency	18.7%
Short Circuit I Temp Coeff	0.039% / °C
Open Circuit V Temp Coeff	-0.307% / °C
Output Power Temp Coeff	-0.423%/°C
Wind Survivability (2400Pa)	225kph (140mph)
Hailstone Survivability	1" @ 50mph
Snow Loading (5400Pa)	Up to 22" of very heavy wet snow
Operating Temperature	-40 to +85°C
Size	1956 x 990 x 40mm (77 x 39 x 1.57")
Weight	22kg (49lb)
Certifications	UL1703, IEC 61701, IEC 62716, ULC/ORD-C1703:218
Warranty	5 Year Product / 25 Year Output

Typical Performance



System Ordering:

TPS-24-360W 24V 360W Heavy Duty 72 Cell Monocrystalline High Efficiency Solar Panel

For further information contact:

Tyconsystems.com

