

Heavy Duty Solar Panels

Features

- Up to +2.5Wp 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-24-325W 72 Cell High Efficiency Solar Panel

Description

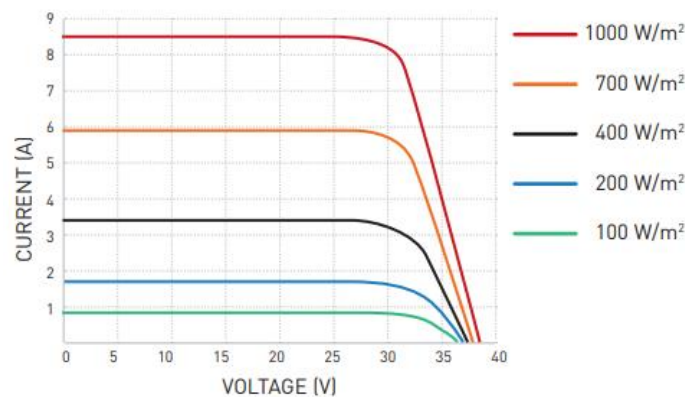
The TPS-24-325W solar panels are high efficiency 72 cell / 3 buss bar designs with excellent low light performance. The panels are perfect for almost any off-grid or on-grid application.

The polycrystalline 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 aluminum frame with a high transparency low iron tempered glass cover to protect the solar cells from harsh environments; hail, wind, snow and ice.

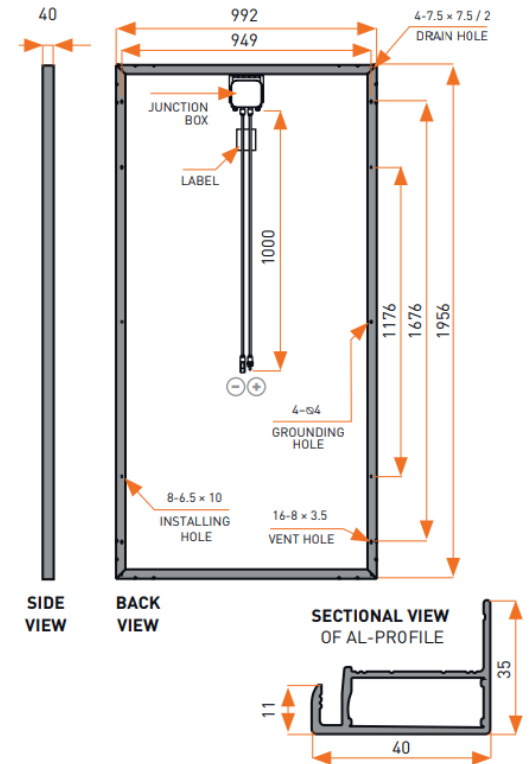
The solar panels are easy to mount because of the aluminum frame design. The wired connections are via a weatherproof junction box on the back of the panels and include attached 1meter outdoor cables terminated with standard MC-4 solar connectors.

Typical IV Curves



Specifications

TPS-24-325W	
Maximum Power (+2.5%)	325W
Voltage at Pmax (Vmp)	38.5V
Current at Pmax (Imp)	8.45A
Open Circuit Voltage (Voc)	46.2V
Short Circuit Current (Isc)	9.05A
Module Efficiency	16.7%
Short Circuit I Temp Coeff	0.052% / °C
Open Circuit V Temp Coeff	-0.31% / °C
Output Power Temp Coeff	-0.41%/°C
Wind Survivability	201kph (125mph)
Hailstone Survivability	1" @ 50mph
Operating Temperature	-40 to +85°C
Size	1956 x 992 x 40mm (77 x 39 x 1.57")
Weight	27kg (60lb)
Certifications	UL1703, CE, CSA, IEC, MCS, CEC
Warranty	5 Year Product / 25 Year Output



*Compatible with Tycon Systems Solar Mount (TPSM250x4-TP) for 2, 3 or 4 solar panels. (not included)



System Ordering:

TPS-24-325W

24V 325W Heavy Duty 72 Cell High Efficiency Solar Panel

For further information contact:

Tyconsystems.com

