

Microtek 100W / 12 V Multi Crystalline Solar Panel



Description

Positive Power Tolerance Modules.
High Conversion Efficiency based on Leading Innovative Photo Voltaic Technologies.
PID Free Modules with Long Term Reliability.
Sustain Heavy Wind and Snow Loads (2400Pa and 5400Pa).
Excellent Performance in Low Light.
Salt Mist, Ammonia, Blowing Sand and Hail Resistant.

Ideal for Off-Grid as well as On-Grid Applications.

IP67 rated MC4 Compatible Connectors.
EVA Encapsulation and Anti Reflection Coating for better Module Protection.

Undergoes Rigorous Quality Control and more than 20 in-house tests, (DH: Damp Heat Test. TC: Thermal Cycling Test. HF: Humidity Freeze Test.).

Heavy duty Anodized Aluminum Frames with pre-drilled holes for Quick Installation.

Manufactured with Premium Quality Input Materials.

Technical Info

Nominal Maximum Power (Pm)	100Watts/12V
Open Circuit Voltage (Voc)	21.90V
Short Circuit Current (Isc)	6.12A
Voltage at Maximum Power (Vmp)	17.96V
Current at Maximum Power (Imp)	5.57A
Maximum System Voltage	1000V

General Info

Length x Width x Thickness (LxWxT) - mm	1130x665x35
Mounting Holes Pitch (Y) – mm	80
Mounting Holes Pitch (X) – mm	120
Solar Cells per Module (Units) / Arrangement	36 / (9 x 4)
Solar Cell Type	Multi Crystalline Silicon
Front Cover (Material / Thickness)	Tempered & Low Iron Glass / 3.2mm
Encapsulate	Ethylene Vinyl Acetate
Frame Material	Anodized Aluminum Alloy
Junction Box	IP65 or IP67 Enclosure with Bypass Diodes