

Microtek 40W / 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)	40Watts/12V
Open Circuit Voltage (Voc)	21.90V
Short Circuit Current (Isc)	2.45A
Voltage at Maximum Power (Vmp)	17.96V
Current at Maximum Power (Imp)	2.23A
Maximum System Voltage	1000V

General Info

Length x Width x Thickness (LxWxT) - mm	470x665x35
Mounting Holes Pitch (Y) - mm	٢٠٠
Mounting Holes Pitch (X) - mm	١٢٠
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