



W-M303P

HIGH EFFICIENCY PHOTOVOLTAIC SOLAR MODULE

This module meets industry standards for consumer safety and reliability and is covered by a comprehensive 20 year warranty.

Low-iron tempered glass is designed to resist impact and increase light transmittance, thus improving daily power generation.

Encapsulating the solar cells between Tempered Glass / EVA / Tedlar guarantees a durable protection for the cells during extreme weather conditions.

Each solar module is equipped with a small junction box and a 1 meter cable.

The strong aluminium frame with pre-drilled mounting holes allow for easy installation.

Furthermore is each solar module submitted to an individual quality inspection, certifying product quality and output power performance.

Modules designed and manufactured according to IEC 61215 & IEC 61730 standards.

APPLICATIONS

- Signalling
- Streetlights
- Water pumping
- Rural Electrification
- Telecommunication
- Billboard illumination



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TYPICAL PERFORMANCE CHARACTERISTICS

Typical power (Wp)	25	30	35	40
Tolerance (%)	+- 5%			
Voltage at max.power (V)	16.7	16.9	17.1	17.3
Current at max.power (A)	1.5	1.78	2.05	2.31
Open circuit voltage (Voc)	21.5	21.7	21.9	22.1
Short circuit current (Isc)	1.62	1.92	2.21	2.5

TEMPERATURE COEFFICIENTS

Voltage	-79.20mV / degree C
Current	+1.12mA / degree C
Power	-0.46% / degree C
NOCT (degrees)	45

CELLS

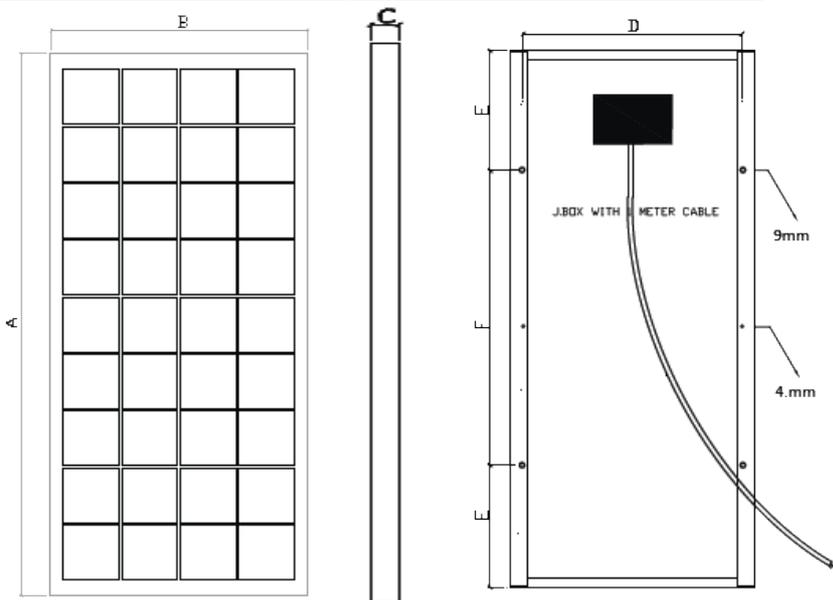
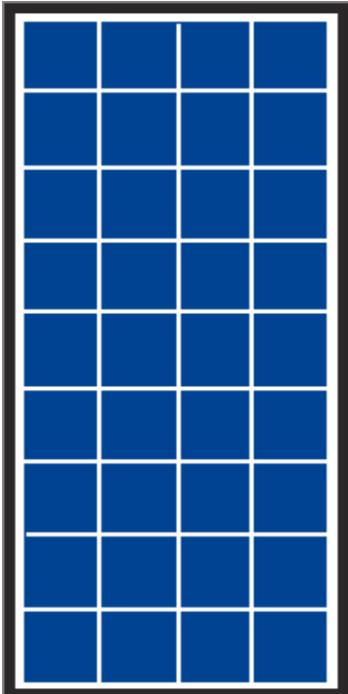
Type	Multicrystalline
Dimensions	78mm x 78mm
Layout	36 cells (4rows x 9cells)

GENERAL INFORMATION

Maximum System voltage	715V
Diodes	N/A
Type of connection	Small Junction box with 1m cable
Frame	25mm black anodized aluminium
Weight (kg)	3.5
Packaging	4 modules per carton box

WARRANTY

Product	5 years
Power output	Terrestrial: 20 years / 80% yield Marine: 10 years / 90% yield



DIMENSIONS

A	793
B	365
C	25
D	331
E	239
F	315

Dimensions in mm
(tolerance +4mm)