W-M750P

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.

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

Each solar module is equipped with a special IP55 junction box and protective bypass diodes.

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

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

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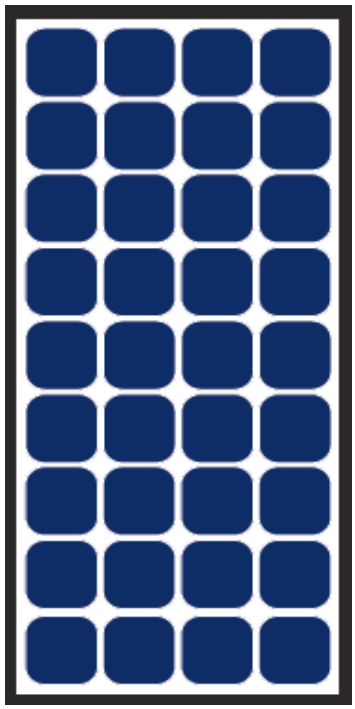
TYPICAL PERFORMANCE CHARACTERISTICS						
Typical power (Wp)	65	70	75	80	85	90
Tolerance (%)	+- 5%					
Voltage at max.power (V)	17	17.3	17.6	17.9	18.2	18.4
Current at max.power (A)	3.9	4.1	4.3	4.5	4.7	4.9
Open circuit voltage (Voc)	21.4	21.6	21.8	22	22.2	22.4
Short circuit current (Isc)	4.5	4.7	4.9	5.1	5.3	5.5

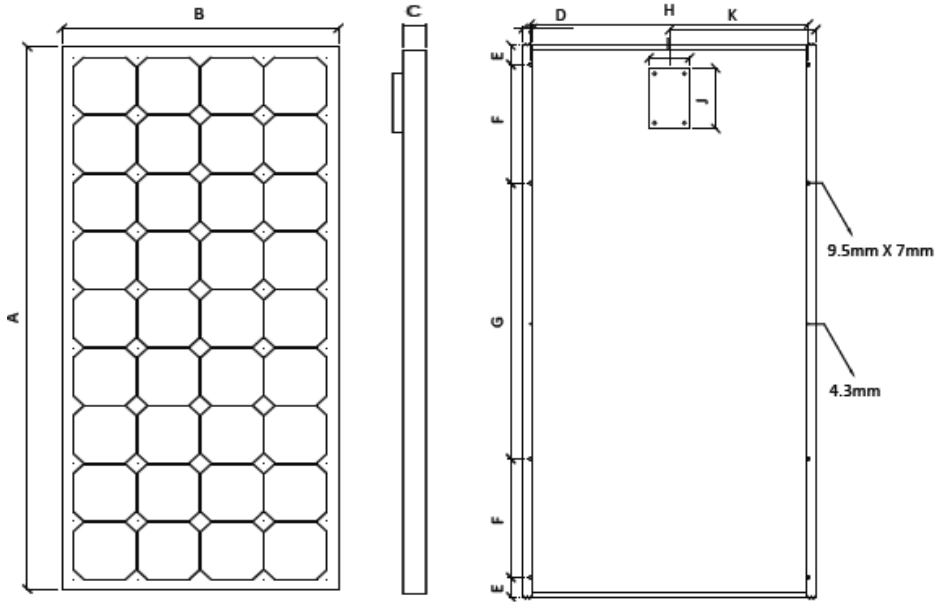
TEMPERATURE COEFFICIENTS	
Voltage	-79.20mV / degree C
Current	+1.55mA / degree C
Power	-0.46% / degree C
NOCT (degrees)	45



CELLS	
Type	Monocrystalline
Dimensions	125mm x 125mm
Layout	36 cells (4rows x 9cells)

GENERAL INFORMATION	
Maximum System voltage	715V
Diodes	2 x 10A bypass
Type of connection	Junction box
Frame	25mm black powder-coated aluminium
Weight (kg)	7.7
Packaging	4 modules per carton box

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



DIMENSIONS	
A	1207
B	541
C	25
D	27
E	21
F	215
G	735
H	503
I	115
J	165
K	270.5