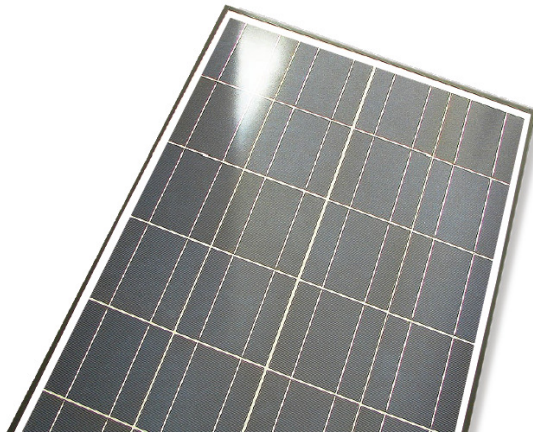




Setsolar 130W Solar Panel



SETSOLAR manufactures its own photovoltaic modules using guaranteed and certified materials. 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.

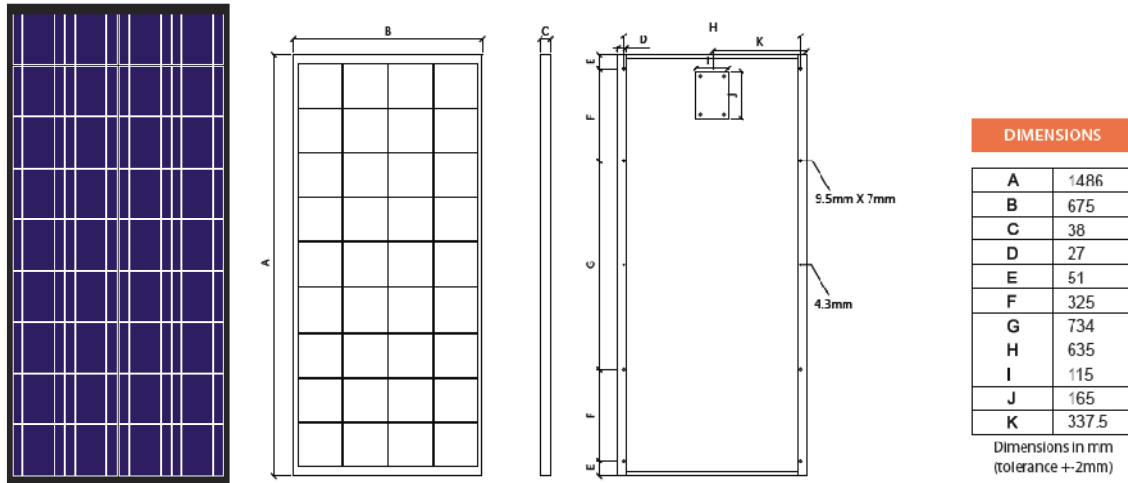
APPLICATIONS

- Pumping
- Beaconing
- Rural Electrification
- Telecommunication
- Grid connected systems
- Professional Applications Grid Connection System

Setsolar M1300 solar panel - Data sheet

TYPICAL PERFORMANCE CHARACTERISTICS							
Typical power (Wp)	110	115	120	125	130	135	140
Tolerance (%)	+- 5%						
Voltage at max.power (V)	16.8	17.0	17.2	17.4	17.6	17.8	18.0
Current at max.power (A)	6.60	6.80	7.00	7.20	7.40	7.60	7.80
Open circuit voltage (Voc)	21.1	21.3	21.5	21.7	21.9	22.1	22.3
Short circuit current (Isc)	7.00	7.20	7.40	7.60	7.80	8.00	8.20
Standard test conditions: 1000W/m ² , AM1.5G and 25 degree C							
Electrical data above represent stabilized values at Standard test conditions (STC)							
TEMPERATURE COEFFICIENTS							
Voltage -	79.20mV / degree C						
Current	+4.50mA / degree C						
Power	-0.46% / degree C						
NOCT (degrees)	45						
CELLS							
Type	Texturized multicrystalline						
(V Dimensions)	156mm x 156mm						
Layout	+0.14% / °C36 cells (4rows x 9cells)						
INSTALLATION LIMITATIONS							
Maximum System voltage	715V						
Diodes	2 x 10A bypass						
Weight (kg)	11						
Frame	38mm black powder-coated aluminium						
Packaging	2 modules per carton box						
Type of connection	junction box						
WARRANTY							
Product	3 years 2 years						
	Power output Terrestrial: 20 years / 80% yield Marine: 10 years / 90% yield						

Setsolar M1300 solar panel - Data sheet



CONTACT US

Sales and consulting:
geoff@planmypower.co.za

Services:
priscilla@planmypower.co.za

Telephone
+27 (0) 87 802 8479
+27 (0) 11 678 5101
+27 (0) 11 678 9184