

High efficiency 5w Monocrystalline solar panel



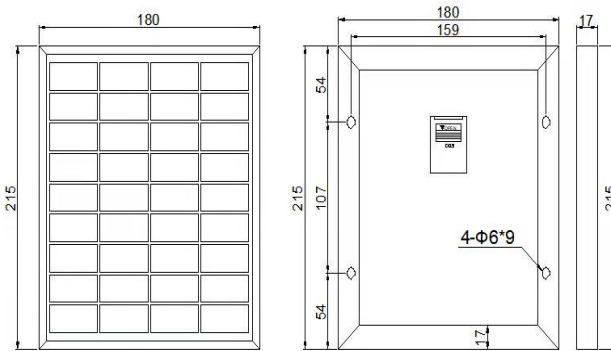
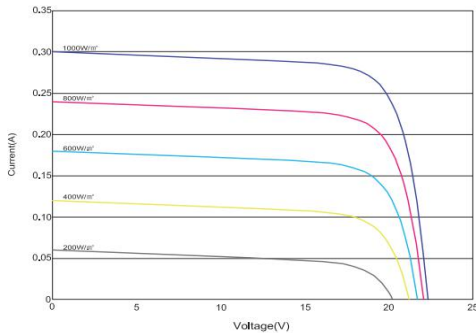
PRODUCT SPECIFICATION

Type Of Module	HPSM-5W
Maximum Power (W)	5W
Tolerance (%)	± 3%
Open Circuit Voltage (V)	21.6V
Short Circuit Current (A)	0.3A
Maximum Power Voltage (V)	18V
Maximum Power Current (A)	0.28A
Module Efficiency (%)	17.63%
Solar Cell Efficiency (%)	18.98%
Series Fuse Rating (A)	15
size (length*width*height)	21.5*18*1.7CM
Terminal Box	IP65
Maximum system voltage (V)	DC600
Operating Temperature(°C)	-40°C ---85°C
Weight (kg)	0.53kg



Electrical Characteristics

Characteristics



Pm:5W Vm:18V Im:0.28A Voc:22V Isc:0.3A

PRODUCT FEATURE

- Bypass diode minimizes the power drop by shade.
- White tempered glass ,EVA resin,weather proof film and anodized aluminum frame to provide efficient protection from the severest environmental conditions.
- Waterproof.Perfect for grid applications.
- Product guarantee 5 years.

Quality Assurance

- Electrical Insulation test
- Outdoor exposure test
- Hot-spot endurance test
- UV-exposure
- Thermal cycling test
- Humidity freeze test
- Damp heat test
- Robustness of terminations test
- Wet leakage current test
- Mechanical load test
- Hail impact test
- Bypass diode thermal test



Electric Performance	Typical Performance	Characterics
Current Temperature Coefficient	%/C	+0.06
Voltage Temperature Coefficient	%/C	-0.34
Power Temperature Coefficient	%/C	-0.47
Performance Warranty : 90%output , 25 years 80%output, 30 years		

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