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Solar Panel Guide Specification Data Sheet

Shenzhen Suoyang New Energy Co., Ltd.

SY-45

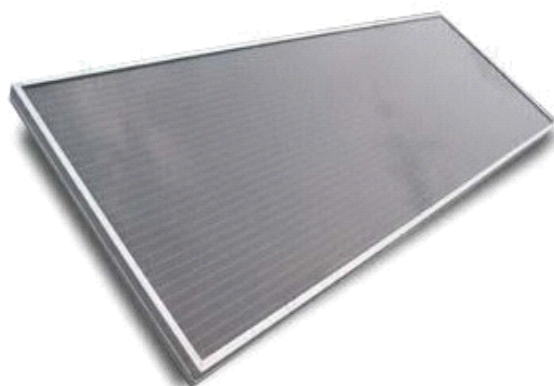
SY-45

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SPECIFICATION OF

45W AMORPHOUS SILICON SOLAR MODULE

Maximum power (Wp)	45W
Maximum power voltage (V)	47
Maximum power current (A)	0.96
Open circuit voltage (V)	63
Short circuit current (A)	1.15
Size of module (mm)	1245*635*35
P-I-N Junction	double junction
Maximum system voltage (V)	1000V
Temperature coefficients of Isc (%)	+0.09/°C
Temperature coefficients of Voc (%)	-0.33/°C
Temperature coefficients of Pm (%)	-0.22/°C
Temperature Range	-40°C to +85°C
Weight per piece (kg)	14.4
Junction Box	Waterproof, TUV certificated
Cell Efficiency (%)	7%
Watt tolerance(%)	±3%
Encapsulant	EVA(Ethylene Vinyl Acetate)
Frame (Material, Corners, etc.)	Anodized Aluminum Alloy
Front glass	3.2mm annealed glass
Back side	Float Glass
Frame (Material, Corners, etc.)	frameless
Standard Test Conditions	AM1.5 100MW/cm ² 25°C
Warranty	90% power for 10years, 80% power for 20 years.



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