

Specification for 10W PV Module

(Test condition: 1000W/m², AM1.5, 25°C)

Parameters	Type	10W
	Silicon	Mono-Crystalline Silicon
Maximum Power	Watt	10
Production Tolerance		± 10%
Maximum Power voltage	V	18V
Maximum Power current	A	0.56
Open circuit voltage	V	21.6
Short circuit current	A	0.59
Cells thickness		0.18mm±20µm
size of panel (wide and high)		340*280*22mm
frame (type, material and thickness)		Anodized Aluminium alloy frame with high mechanical strength, good going against the wind, the sleet-proof, be able to adapt under each kind of complex bad climatic conditions to use, be advantageous for the installation. 25mm thickness
Number of cells		36
Weight per piece (Kgs)		1.5
Type of Junction Box		PV Junction Box
Maximum system voltage		600V
Temperature coefficient of Pm		-(0.5+/-0.05)%/°C
Temperature coefficient of Im		+0.1%/°C
Temperature coefficient of Vm		-0.38%/°C
Operating Temperature		-40°C——80°C
Insulation		>=100MOhm
Voltage Standoff		AC2000V, DC3000V
Wind Bearing		60m/s(200kg/sq.m)
Impact Resistance Hail Impact Test		227g steel ball fall down from 1m height
ENCAPSULATED WITH Tempered Glass		Anodized aluminum alloy frame with high mechanical strength, good going against the wind, the sleet-proof, be able to adapt under each kind of complex bad climatic conditions to use, be advantageous for the installation
Quality Warranty		With a 25 year limited warrantee on power output which power output more than 90% of the Minimum Peak Power as specified within ten (10) years from date of delivery and power output more than 80% of the Minimum Peak Power as

	specified within (25) years from the date of delivery , And 2 year warrantee on workmanship
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