

## Standard Test Conditions



AM	1.5
Irradiation	1000W/m <sup>2</sup>
Tc	25°C

## PK85W - 12 Volt 85 Watt Monocrystalline Solar Panel

### Electrical Characteristic

Module Type		85M
Max power Watt (Peak)	Pm(W)	85W
Power Tolerance	(%)	+/- 3
Max System Voltage	(VDC)	1000
Max Power Voltage	Vmp (V)	17.8
Max Power Current	Imp (A)	4.8
Open Circuit Voltage	Voc (V)	22.2
Short Circuit Current	Isc (A)	5.15



### Specification (Mechanical Characteristics)



Dimensions: Length*Width*Height	mm	1195x541x30
Weight	Kg	8KG
Cable type, Diameter and Length		Copper core cable, 4mm <sup>2</sup> , TUV certified, 900mm
Frame(type, material)		Aluminum Alloy
Front glass		High Transmission, Low Iron, Tempered

### Absolute Ratings

Dielectric Insulation Voltage	VDC	3000 max
Operating Temperature	°C	-45 to +85
Storage Temperature	°C	-45 to +85

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