



Electrical Specifications (performance at STC: 1000W/m², 25°C, AM1.5)

Specification	ASP-S4-85
Nominal Power(P _m)/W	85
Open Circuit Voltage(V _{oc})/V	29.2
Short Circuit Current (I _{sc})/A	4.19
Voltage at max. Power(V _m)/V	23.0
Current at max. Power(I _m)/A	3.71

System Properties (at STC)

Maximum Series Fuse Rating(I _{CF}) /A	7.0
Maximum System Voltage(V _{sys})/V	1000

Mechanical Specifications

Length	1200mm
Width	600mm
Thickness	6.8mm
Area	0.72m ²
Weight	12kg
Frame	None
Lead Cable	2.5mm ² 580mm
Connectors	MC4
Bypass Diode	6A
Cell Type	Cadmium Telluride (CdTe)
Solar Glass	3.2 Annealed Glass
Back Glass	3.2 Annealed Glass
Encapsulation	EVA+Edge tape

Temperature Characteristics(at STC)

Temperature Coefficients of I _{sc}	$\alpha=0.060\%/^{\circ}\text{C}$
Temperature Coefficients of V _{oc}	$\beta=-0.321\%/^{\circ}\text{C}$
Temperature Coefficients of P _m	$\gamma=-0.214\%/^{\circ}\text{C}$
Operating Temperature Range	-40°C To +85°C

Warranty:

- 10 years materials and workmanship.
- 25 years power output guarantee for 90% of nominal output during first 10 years and 80% over 25 years.
- Modules are life cycle managed with a collection and recycling program, providing module owners with no cost, end-of-life take back, and recycling of the modules.

Packaging Configuration

Modules Per Pallet	54PCS
Pallet Weight	680kg
Pallet Dimensions	1260*1080*790mm