



## Electrical Specifications (performance at STC: 1000W/m<sup>2</sup>, 25°C, AM1.5)

Specification	ASP-S1-105
Transparency	0%
Nominal Power(Pm)/W	105
Open Circuit Voltage(Voc)/V	123.5
Short Circuit Current (Isc)/A	1.20
Voltage at max. Power(Vmmp)/V	98.5
Current at max. Power(Imp)/A	1.07

## System Properties (at STC)

Maximum Series Fuse Rating(I <sub>CF</sub> )/A	2.0
Maximum System Voltage(V <sub>sys</sub> )/V	1000

## Mechanical Specifications

Length	1200mm
Width	600mm
Thickness	6.8mm
Area	0.72m <sup>2</sup>
Weight	13kg
Frame	None
Lead Cable	2.5mm <sup>2</sup> 580mm
Connectors	MC4
Bypass Diode	6A
Cell Type	Cadmium Telluride (CdTe)
Composition	3.2cell+0.5EVA+3.2 Back glass
Encapsulation	EVA

## Temperature Characteristics(at STC)

Temperature Coefficients of Isc	$\alpha=0.060\%/^{\circ}\text{C}$
Temperature Coefficients of Voc	$\beta=-0.321\%/^{\circ}\text{C}$
Temperature Coefficients of Pm	$\gamma=-0.214\%/^{\circ}\text{C}$
Operating Temperature Range	-40°C To +85°C

## Packaging Configuration

Modules Per Pallet	54PCS
Pallet Weight	684kg
Modules per 20' Container	864PCS

## 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.

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