



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

Specification	ASP-IMAR-T0-42
Nominal Power(Pm)/W	42
Open Circuit Voltage(Voc)/V	122.5
Shot Circuit Current (Isc)/A	0.49
Voltage at max. Power(Vm)/V	98
Current at max. Power(I <sub>m</sub> )/A	0.43

## System Properties (at STC)

Maximum Series Fuse Rating(I <sub>CF</sub> )/A	1.0
Maximum System Voltage(V <sub>sys</sub> )/V	1000

## Mechanical Specifications

Length	1200mm
Width	600mm
Thickness	16mm
Area	0.72m <sup>2</sup>
Weight	25.5kg
Frame	None
Lead Cable	2.5mm <sup>2</sup> 580mm
Connectors	MC4
Bypass Diode	6A
Cell Type	Cadmium Telluride (CdTe)
Composition	5 Tempered Glass
	+3.2 Annealed Glass
	+5 Tempered Glass

Encapsulation PVB

## 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	27PCS
Pallet Weight	735kg
Pallet Dimensions	1260*1080*790mm
Modules Per 20' Container	432PCS

## 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.