



Electrical Specifications

(performance at STC: $1000W/m^2$, $25^\circ C$, AM1.5)

Specification	ASP-INS-T40
Nominal Power(Pm)/W	132
Open Circuit Voltage(Voc)/V	100.9
Short Circuit Current (Isc)/A	2.12
Voltage at max. Power(Vm)/V	75.1
Current at max. Power(I _m)/A	1.76
System Properties (at STC)	
Maximum Series Fuse Rating(I _{CF}) /A	4.0
Maximum System Voltage(V _{sys})/V	1000

Mechanical Specifications

Length	1500mm
Width	1050mm
Thickness	36mm
Area	$1.575m^2$
Weight	89kg
Frame	None
Lead Cable	$2.5mm^2$ 580mm
Connectors	MC4
Bypass Diode	6A
Cell Type	Cadmium Telluride (CdTe)
Encapsulation	PVB
Transparency	40%

Temperature Characteristics(at STC)

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

Packaging Configuration

Modules Per Pallet	
Pallet Weight	
Pallet Dimensions	
Modules Per 40' Container	

Warranty:

- 3 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.

