



Electrical Specifications

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

Specification	ASP-INS-T40-57	ASP-INS-T20-76
Nominal Power(Pm)/W	57	76
Open Circuit Voltage(Voc)/V	122.5	122.5
Shot Circuit Current (Isc)/A	0.66	0.88
Voltage at max. Power(Vm)/V	98.0	98.0
Current at max. Power(I _m)/A	0.58	0.78
Transparency	40%	20%
Minimum Thermal conductivity(TC)/W/(m ² K)		1.2

System Properties (at STC)

Maximum Series Fuse Rating(I _{CF}) /A	1.5
Maximum System Voltage(V _{SYS})/V	1000

Mechanical Specifications

Length	1200mm
Width	600mm
Thickness	31mm
Area	0.72m ²
Weight	27.5kg
Frame	None
Lead Cable	2.5mm ² 580mm
Connectors	MC4
Bypass Diode	6A
Cell Type	Cadmium Telluride (CdTe)
Composition	3.2 Annealed Glass +3.2 Annealed Glass +15A Hollow layer +4 Tempered Glass +4 Tempered Glass
Encapsulation	PVB

Temperature Characteristics(at STC)

Temperature Coefficients of I _{sc}	α=0.060%/°C
Temperature Coefficients of V _{oc}	β=-0.321%/°C
Temperature Coefficients of P _m	γ=-0.214%/°C
Operating Temperature Range	-40°C To +85°C

Packaging Configuration

Modules Per Pallet	32pcs
Pallet Weight	930kg
Pallet Dimensions	1300*1100*800mm
Modules Per 20' Container	512pcs

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.