



Electrical Specifications

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

Specification	ASP-LAM2-T80-15	ASP-LAM2-T70-23	ASP-LAM2-T60-30	ASP-LAM2-T55-34	ASP-LAM2-T50-38	ASP-LAM2-T45-42	ASP-LAM2-T40-46	ASP-LAM2-T30-52	ASP-LAM2-T20-61	ASP-LAM2-T10-69
Transparency	80%	70%	60%	55%	50%	45%	40%	30%	20%	10%
Nominal Power(Pm)/W	15	23	30	34	38	42	46	52	61	69
Open Circuit Voltage(Voc)/V	111.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0
Short Circuit Current (Isc)/A	0.23	0.31	0.41	0.46	0.51	0.56	0.61	0.72	0.82	0.92
Voltage at max. Power(Vm)/V	85.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
Current at max. Power(I _m)/A	0.18	0.26	0.34	0.39	0.43	0.48	0.52	0.59	0.70	0.79

System Properties (at STC)

Maximum Series Fuse Rating(I _{CF}) /	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5
Maximum System Voltage(V _{sys})/V	1000									

Mechanical Specifications

Length	1200mm (-1~+3mm)
Width	600mm (-1~+3mm)
Thickness	7mm (±0.2mm)
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 mm Annealed glass
Back Glass	3.2 mm Annealed 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	54PCS
Pallet Weight	680kg
Pallet Dimensions	1260x1080x790mm
Modules Per 40' Container	1944PCS

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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