



Electrical Specifications

(performance at STC: 1000W/m², 25°C,

Specification	ASP-LAM3-T40-173	ASP-LAM3-T30-202	ASP-LAM3-T20-231	ASP-LAM3-T10-259	ASP-LAM3-T0-288
Transparency	40%	30%	20%	10%	0%
Nominal Power(Pm)/W	173	202	231	259	288
Open Circuit Voltage(Voc)/V	123.5	123.5	123.5	123.5	123.5
Short Circuit Current (Isc)/A	2.25	2.63	3.00	3.38	3.75
Voltage at max. Power(Vmmp)/V	91.7	91.7	91.7	91.7	91.7
Current at max. Power(Immp)/A	1.89	2.20	2.52	2.83	3.15

System Properties (at STC)

Maximum Series Fuse Rating(I _f)	4.0	5.0	5.0	6.0	6.0
Maximum System Voltage(V _{sys})			1000		

Mechanical Specifications

Length	1800mm
Width	1200mm
Thickness	18mm
Area	2.16m ²
Weight	87kg
Frame	None
Lead Cable	2.5mm ² 580mm
Connectors	MC4
Bypass Diode	6A
Cell Type	Cadmium Telluride (CdTe)
Composition	6T+1.52pvb+3.2cell+1.52pvb+6T
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	22PCS
Pallet Weight	1984kg
Pallet Dimensions	1880x520x1390mm

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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