



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

Specification	ASP-LAM3-T40-137
Transparency	40%
Nominal Power(P _m)/W	137
Open Circuit Voltage(V _{oc})/V	112.8
Short Circuit Current (I _{sc})/A	1.87
Voltage at max. Power(V _{mpp})/V	83.5
Current at max. Power(I _{mp})/A	1.65

System Properties (at STC)

Maximum Series Fuse Rating(I _{cf})/A	3.0
Maximum System Voltage(V _{sys})/V	1000

Mechanical Specifications

Length	1500mm
Width	1100mm
Thickness	16mm
Area	1.65m ²
Weight	60kg
Frame	None
Lead Cable	2.5mm ² 580mm
Connectors	MC4
Bypass Diode	6A
Cell Type	Cadmium Telluride (CdTe)
Composition	5T+1.52pvb+3.2cell+5T
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	-
Pallet Weight	-
Pallet Dimensions	-

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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