

Product Data Sheet

Product Model : ASP-S1-90W

Nominal Power : 90W

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

Nominal Power(Pm)	90.0 W
Open Circuit Voltage(Voc)	122.0 V
Short Circuit Current (Isc)	1.06 A
Voltage at max. Power(Vm)	96.0 V
Current at max. Power(Im)	0.94 A
Power Output	25 years power output guarantee, for 90% of nominal output during first 10 years and 80% over 25 years.
materials and workmanship	10 years

System Properties (at STC)

Maximum System Voltage	V _{sys} (V)	1000 (600UL)
Maximum Series Fuse	I _{cf} (A)	2.0

Temperature Coefficients (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	$\gamma = -0.214\%/^{\circ}\text{C}$

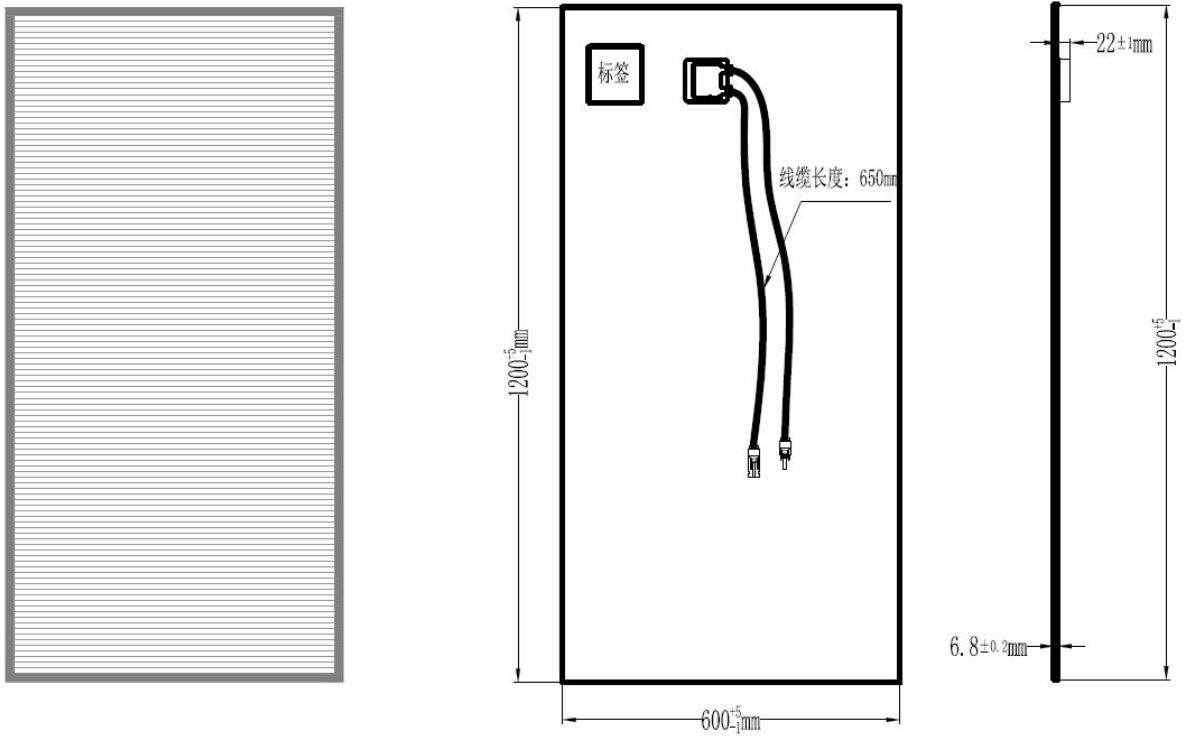
Mechanical Specifications

Length	1200(-1~+5) mm
Width	600(-1~+5) mm
Thickness	6.8(±0.2) mm
Area	0.72m ²
Weight	11.8kg

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Frame	N/A
Junction Box※	backside
Lead Cable	2.5mm ² · 650mm
Connectors	MC4
Bypass Diode	10A
Cell Type	CdTe
Structure	32mm+PVB+3.2mm Cell/Float
Encapsulation	EVA+Edge tape
Transparency※	0%

Product schematic drawings :



Product packaging : Wooden cases 54pcs/case
Dimension: L1300mm*W1080mm*H800mm

Gross weight:670 kg

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