



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	α = 0.060%/°C
Temperature Coefficients of Voc	β = -0.321%/°C
Temperature Coefficients of Pm	γ = -0.214%/°C

Mechanical Specifications

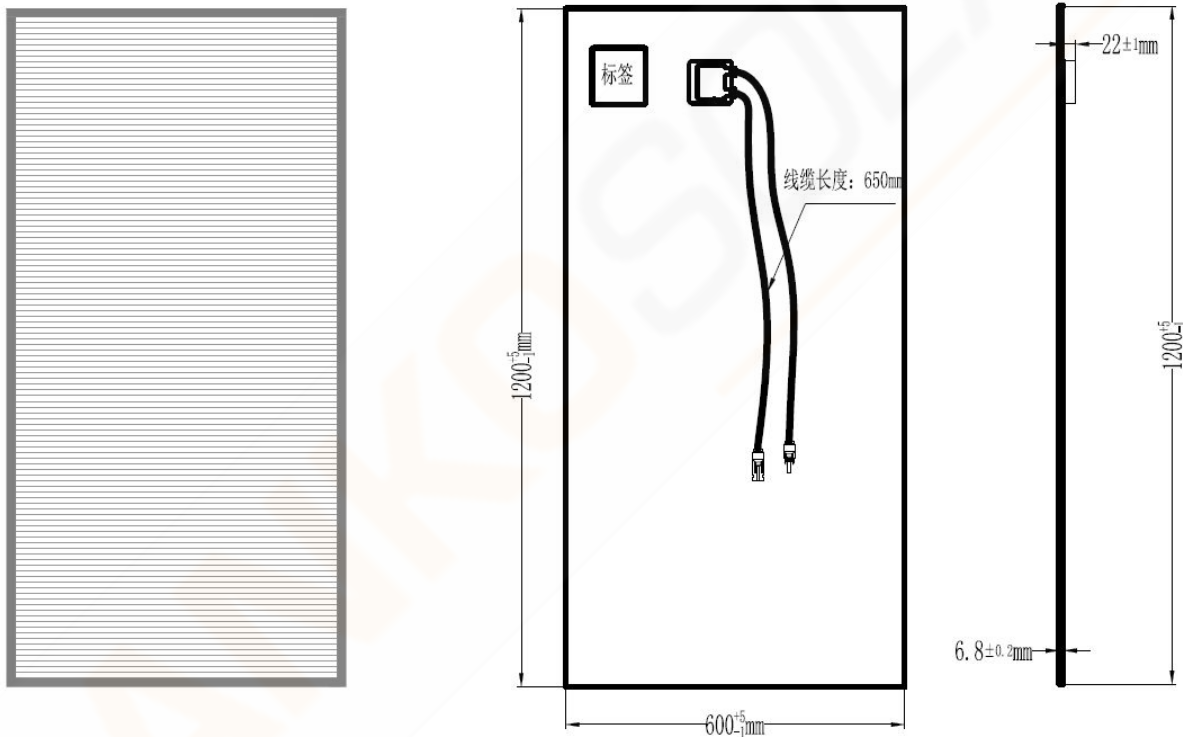
Length	1200 (-1~+5) mm
Width	600 (-1~+5) mm
Thickness	6.8 (±0.2) mm
Area	0.72m ²
Weight	11.8kg



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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	3.2mm+PVB+3.2mm Cell/Float
Encapsulation	EVA+Edge tape
Transparency※	0%

Product schematic drawings:



Product packaging: Wooden cases 54pcs/case Gross weight:670 kg
Dimension: L1300mm*W1080mm*H800mm

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