

Product Data Sheet

Product Model : ASP-S1-85W

Nominal Power : 85W

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

Nominal Power(P _m)	85.0 W
Open Circuit Voltage(V _{oc})	120.5 V
Short Circuit Current (I _{sc})	0.98 A
Voltage at max. Power(V _m)	96.6 V
Current at max. Power(I _m)	0.88 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)

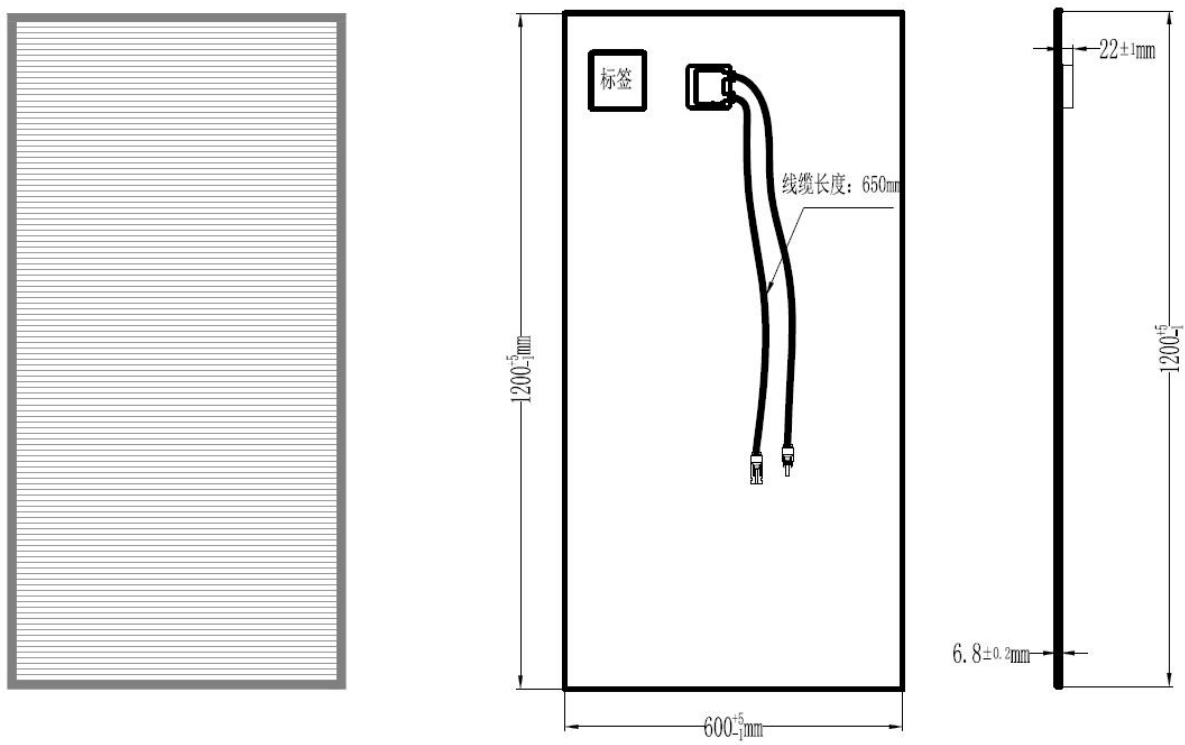
Temperature Coefficients of I _{sc}	α =0.060%/°C
Temperature Coefficients of V _{oc}	β =-0.321%/°C
Temperature Coefficients of P _m	γ =-0.214%/°C

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

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

Product schematic drawings :



Product packaging : Wooden cases 50 pcs/case Gross weight:645 kgs
Dimension: L1200mm*W600mm*D6.8mm

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