

ASP-P6-36 100 SERIES

ELECTRIC CHARACTERISTICS

Model	ASP 100
Max-power voltage Vmp(v)	17.2
Max-power current Imp(A)	5.82
Open- circuit voltage Voc(V)	21.7
Short-circuit current Isc(A)	6.61
Max-power Pm(w)	100
STC:Irradiance 1000W/m ² , Cell temperature 25°C, AM=1.5	

MECHANICAL CHARACTERISTICS

Tolerance	± 3%
Cell	Polycrystalline solar cells
No. of cells	36(4x9) solar cells
Dimension	1200*670*30mm
Cable type	2.5mm ²
Connector	Mc4
Junction box	IP65
Glass type	Low Iron,tempered glass,3.2mm thickness
Weight	19Kg

OPERATING CONDITIONS

Operating Temperature	-40~+85°C
Storage Temperature	-40~+85°C
Maximum System Voltage	DC1000V

TEMPERATURE AND COEFFICIENTS

NOCT	48°C ± 2°C
Temperature coefficient of Voc (%/K)	-0.34
Temperature coefficient of Isc (%/K)	-0.09
Power temperature coefficient (%/K)	-0.37

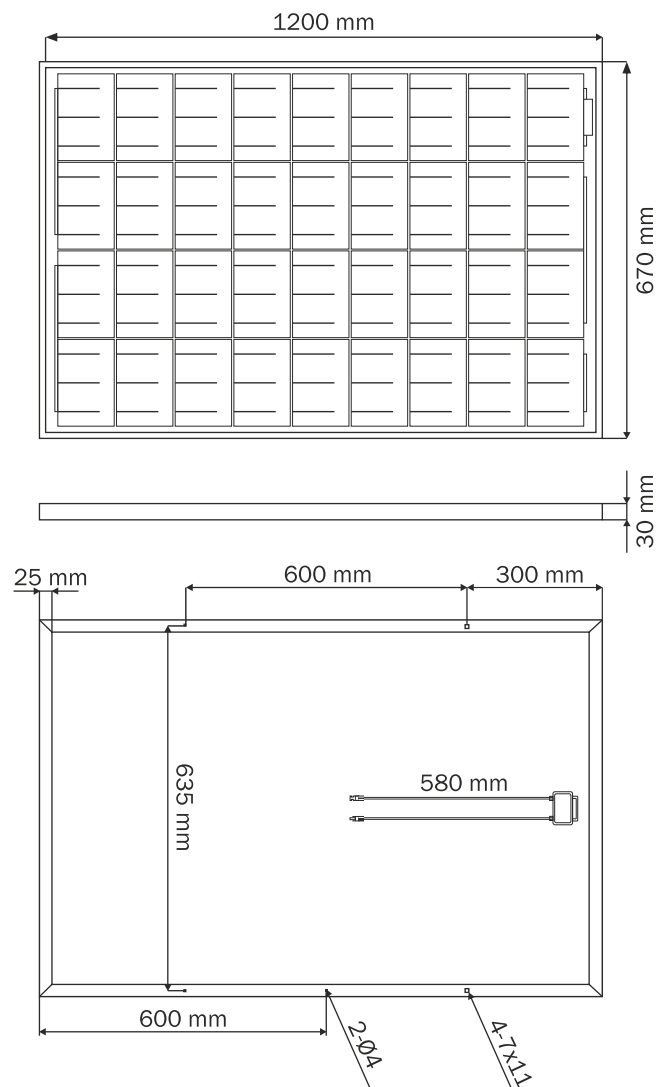
PACKING

Carton	2 pcs / carton
Pallet	36 cartons/pallet
Loading Capacity	574pcs/20,GP;1296pcs/40,GP

QUALITY & WARRANTY

Peak power of single module is guaranteed in + 3%
5 years limited warranty on material and workmanship
Limited power warranty:10 years 90% and 25 years 80%
Limited warranty for minimum power output

DIMENSIONS



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