

# AJP-M672 Series 290W-320W Multi-Crystalline Photovoltaic Modules

## Electrical Performance @ STC<sup>\*1</sup>

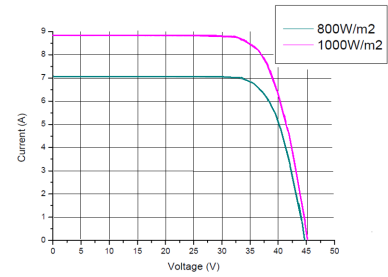
Maximum Power	Pmax[Wp]	290	295	300	305	310	315	320
Power Tolerance <sup>*2</sup>		+/-3%	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%
Solar Cell Type		Multi-crystalline 6" (156 x 156 mm)						
Number of Solar Cells		72 (6 x 12)						
Maximum Power Voltage	Vmp[V]	36.13	36.34	36.62	36.97	37.33	37.61	37.82
Maximum Power Current	Imp[A]	8.03	8.12	8.19	8.25	8.3	8.38	8.46
Open Circuit Voltage	Voc[V]	45.06	45.21	45.43	45.72	46.01	46.23	46.38
Short Circuit Current Isc	Isc[A]	8.58	8.7	8.8	8.89	8.98	9.09	9.2
Module Efficiency	[%]	15.0%	15.2%	15.5%	15.7%	16.0%	16.3%	16.5%

\*1 STC: Irradiance level 1000 W/m<sup>2</sup>; Spectral AM1.5; Temperature 25°C

\*2 Power tolerance can be adjusted upon requests

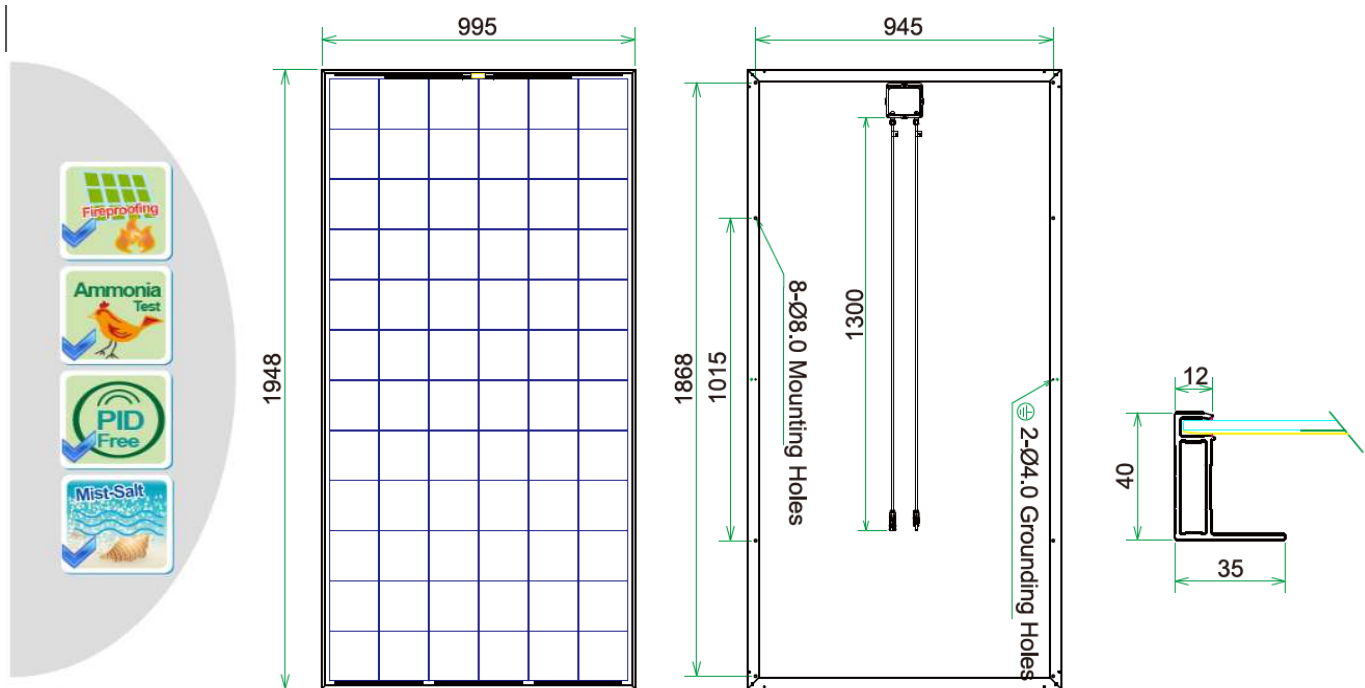
\*3 NOCT: 46±2°C

## IV Curve



## Mechanical Characteristics

Dimensions of the Module (W×H×D)(mm)	1948X995X40
Weight of the Module(kg)	22.5
Junction box	IP 65/ IP 67 or above with 3 bypass diodes ; cables 1M/φ 4mm <sup>2</sup>
Series fuse rating Inside Junction Box	15A



## Warranty

Product Warranty:  
5 years for material and workmanship

## Performance Guarantee:

90% for 10 years Guaranteed output  
80% for 25 years Guaranteed output

## Certificate



## Working Condition

Maximum System Voltage: 600V, 1000V  
Operating Temperature: -40 ~ 85°C  
Maximum Static Load: Snow load 5400pa  
Wind load 2400pa

## Temperature Coefficient

Isc Temperature	α(%/°C)	+0.08
Voc Temperature	β(%/°C)	-0.34
Pmax Temperature	γ(%/°C)	-0.43

## Packing Configuration

Container	20'GP	40'HQ
Pieces per pallet	52	26
Pallets per container	5	24
Pieces per container	260	624