

AJP-S672 Series

310W-345W

Mono-Crystalline Photovoltaic Modules

Electrical Performance @ STC^{*1}

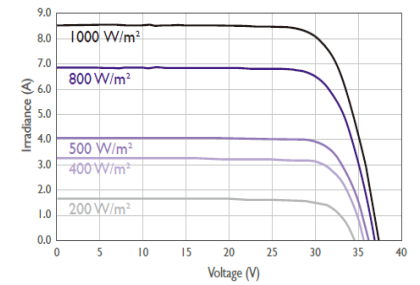
Maximum Power	Pmax[Wp]	310	315	320	325	330	335	340	345
Power Tolerance ^{*2}		+/-3%	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%
Solar Cell Type		Mono-crystalline 6" (156 x 156 mm)							
Number of Solar Cells		72 (6 x 12)							
Maximum Power Voltage	Vmp[V]	36.48	36.83	37.11	37.61	37.96	38.17	38.53	38.95
Maximum Power Current	Imp[A]	8.50	8.55	8.62	8.64	8.69	8.78	8.82	8.86
Open Circuit Voltage	Voc[V]	45.87	46.09	46.38	46.67	46.89	47.04	47.56	48.13
Short Circuit Current Isc	Isc[A]	9.01	9.11	9.20	9.29	9.38	9.50	9.53	9.56
Module Efficiency	[%]	16.0%	16.3%	16.5%	16.8%	17.0%	17.3%	17.5%	17.8%

*1 STC: Irradiance level 1000 W/m²; Spectral AM1.5; Temperature 25°C

*2 Power tolerance can be adjusted upon requests

*3 NOCT: 46±2°C

IV Curve



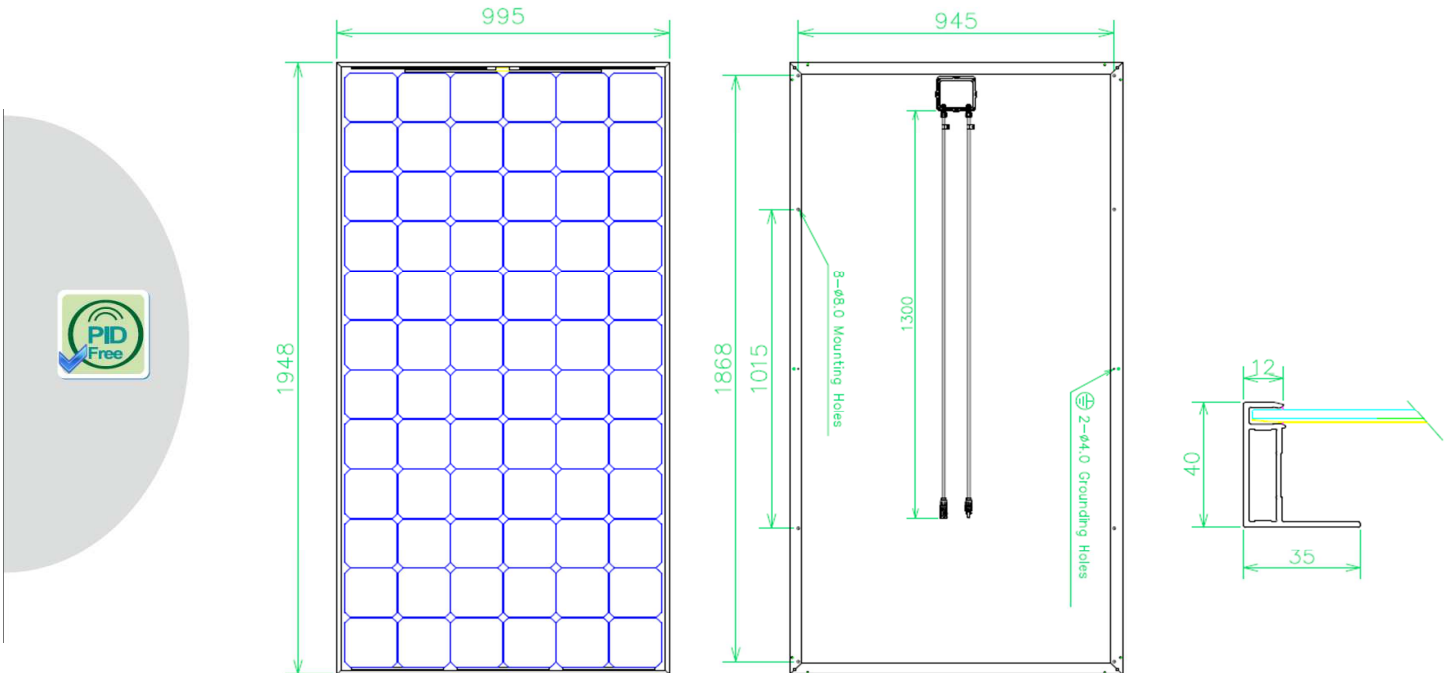
Mechanical Characteristics

Dimensions of the Module (W×H×D)(mm) 1948X995X40

Weight of the Module(kg) 22.5

Junction box IP 65 or above with 3 bypass diodes ; cables 1M/φ 4mm²

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

Working Condition

Maximum System Voltage: 1000V

Operating Temperature: -40 ~ +85°C

Maximum Static Load: Snow load 5400pa

Wind load 2400pa

Temperature Coefficient

Isc Temperature Coefficient: α(%/°C) +0.06

Voc Temperature Coefficient: β(%/°C) -0.30

Pmax Temperature Coefficient: γ(%/°C) -0.44

Certificate



Packing Configuration

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

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* Specification are subject to change without notice

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