

AJP-S660 Series 285W-300W Mono-Crystalline Photovoltaic Modules

Electrical Performance @ STC^{*1}

Maximum Power	Pmax[Wp]	285	290	295	300
Power Tolerance ^{*2}		+/-3%	+/-3%	+/-3%	+/-3%
Solar Cell Type Mono-crystalline 6"					
Number of Solar Cells 60(6x10)					
Maximum Power Voltage	Vmp[V]	32.22	32.58	32.46	32.75
Maximum Power Current	Imp[A]	8.85	8.90	9.09	9.16
Open Circuit Voltage	Voc[A]	39.93	40.17	39.9	40.02
Short Circuit Current Isc	Isc[A]	9.52	9.63	9.6	9.74
Module Efficiency	[%]	17.6%	17.9%	18.2%	18.5%

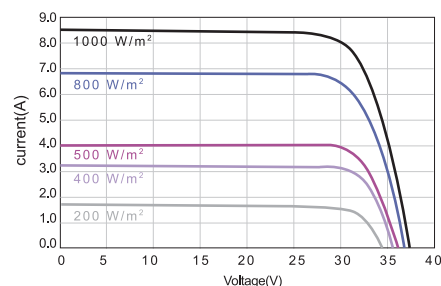
*1 STC: Irradiance level 1000 W/m²; Spectral AM1.5; Temperature 25°C

*2 Power tolerance can be adjusted upon requests

*3 NOCT: 46±2°C

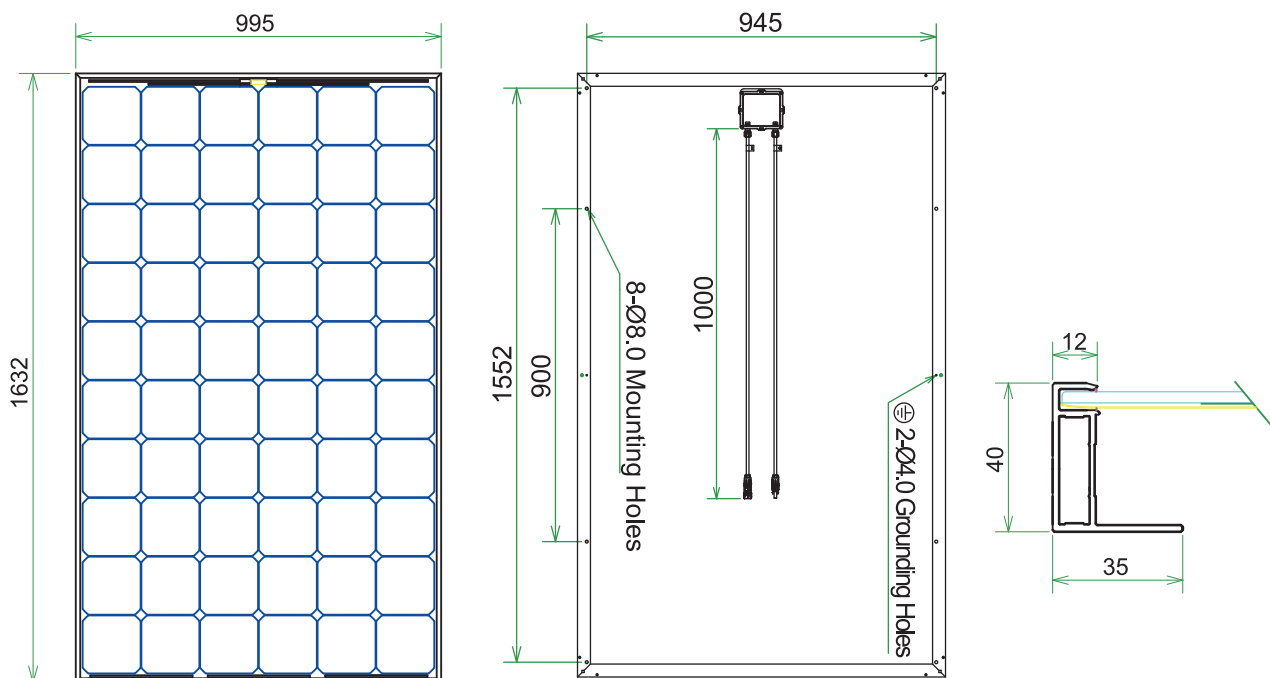
*High Efficiency

IV Curve



Mechanical Characteristics

Dimensions of the Module (W×H×D)(mm)	1632X995X40
Weight of the Module(kg)	19.5
Junction Box	IP 65 or IP67 with 3 bypass diodes ; cables 1M/φ 4 mm ²
Series Fuse Rating Inside Junction Box	15A



Warranty

Product Warranty:

5 Years for Material and Workmanship

Performance Guarantee:

90% for 10 Year Guaranteed Output

80% for 25 Year 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) -0.33

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

Certificate



Packing Configuration

Container	20'GP	40'HQ
Pieces per pallet	26	26
Pallets per container	12	28
Pieces per container	312	728