

AJB-S660 Series 280W-300W Mono-Crystalline Photovoltaic Modules

* White EVA on cell back-side

Electrical Performance @ STC^{*1}

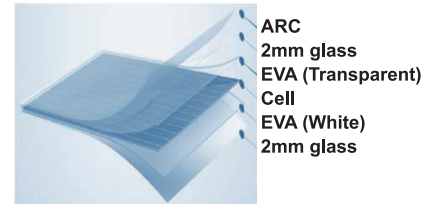
Maximum Power	Pmax[Wp]	280	285	290	295	300
Power Tolerance ^{*2}		+/-3%	+/-3%	+/-3%	+/-3%	+/-3%
Solar Cell Type Mono-crystalline 6"(156x156mm)						
Number of Solar Cells 60(6x10)						
Maximum Power Voltage	Vmp[V]	32.1	32.22	32.58	32.46	32.75
Maximum Power Current	Imp[A]	8.72	8.85	8.90	9.09	9.16
Open Circuit Voltage	Voc[A]	39.34	39.93	40.17	39.9	40.02
Short Circuit Current	Isc[A]	9.49	9.52	9.63	9.6	9.74
Module Efficiency	[%]	17.0%	17.3%	17.6%	17.9%	18.2%

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

*2 Power tolerance can be adjusted upon requests

*3 NOCT: 46±2°C

Glass Structure



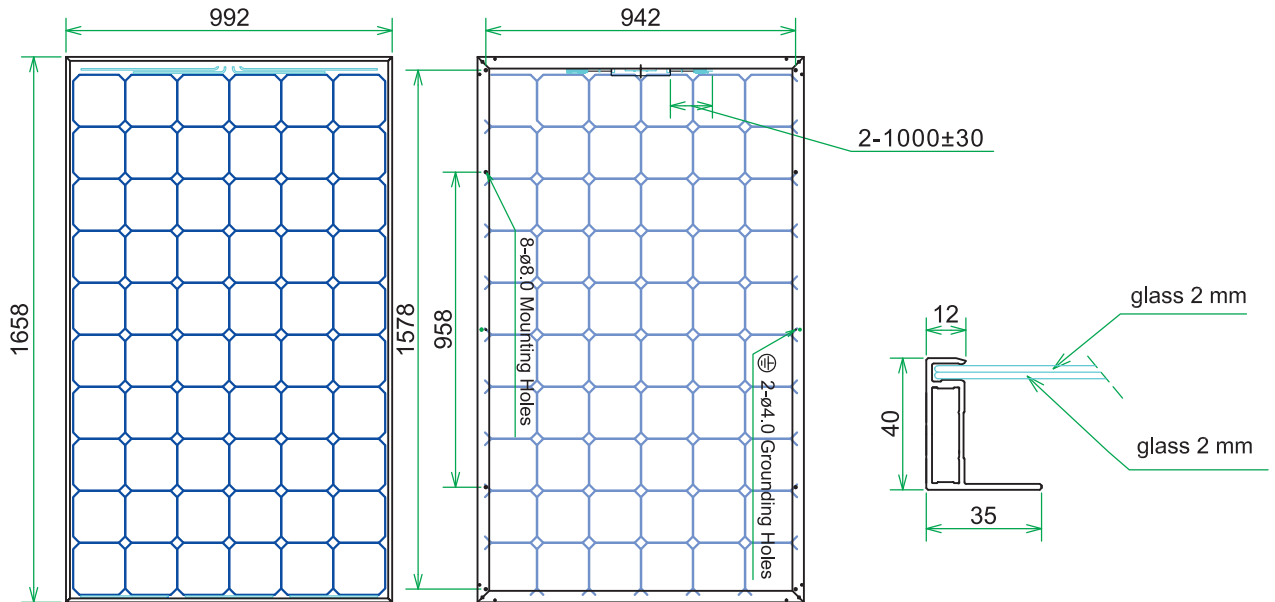
Mechanical Characteristics

Dimensions of the Module (W×H×D)(mm)	1658X992X40
Weight of the Module(kg)	22
Junction Box	IP 67 or above with 3 bypass diodes ; cables 1M/Ø 4mm ²
Series Fuse Rating Inside Junction Box	15A

30 Year

DOUBLE GLASS

PID Free



Warranty

Product Warranty:

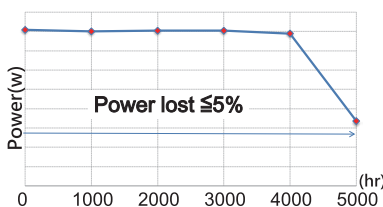
10 Years for Material and Workmanship

Performance Guarantee:

90% for 15 Year Guaranteed Output

80% for 30 Year Guaranteed Output

* Test Condition: Damp heat test ---5000hr 85 °C 85% RH



Working Condition

Maximum System Voltage: 1000V

Operating Temperature: -40 ~ 85°C

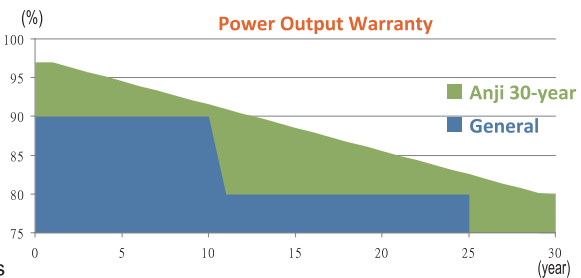
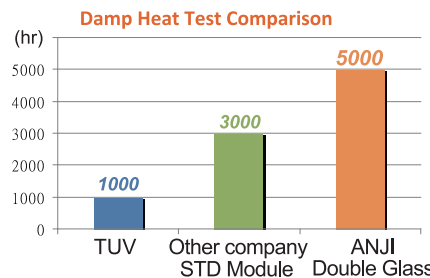
Maximum Static Load: Snow load 5400pa
Wind load 3600pa

Temperature Coefficient

Isc Temperature Coefficient: α (%/°C) +0.08

Voc Temperature Coefficient: β (%/°C) -0.38

Pmax Temperature Coefficient: γ (%/°C) -0.48



Certificate



Packing Configuration

Container	20'GP	40'HQ
Pieces per pallet	26	26
Pallets per container	12	26
Pieces per container	312	676