

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

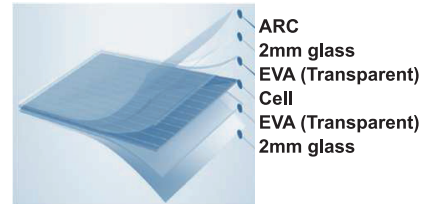
*** High Efficiency-Transparent**

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 | 8.9 | 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



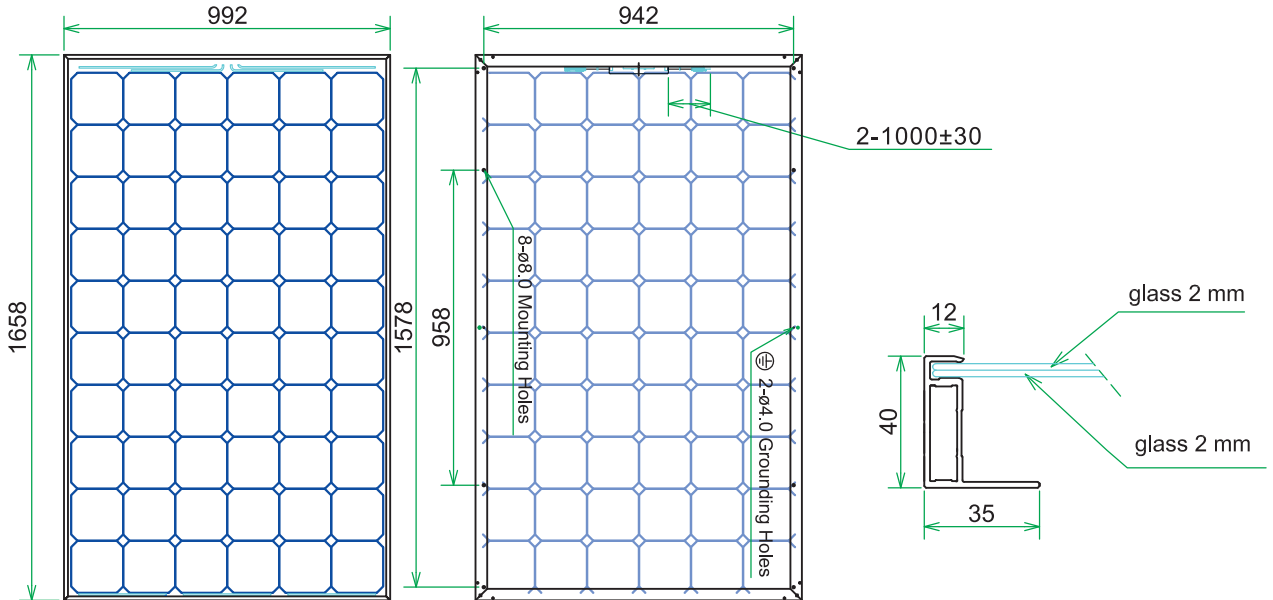
Mechanical Characteristics

| | |
|----------------------------------------|--------------------------------------------------------------------|
| Dimensions of the Module (W×H×D)(mm) | 1658X992X40 |
| Weight of the Module(kg) | 22 |
| Junction Box | IP 65 or above with 3 bypass diodes ; cables 1M/Ø 4mm ² |
| Series Fuse Rating Inside Junction Box | 15A |

30 Year

DOUBLE GLASS

PID Free

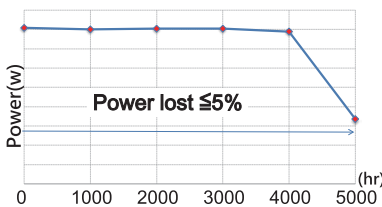


Warranty

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

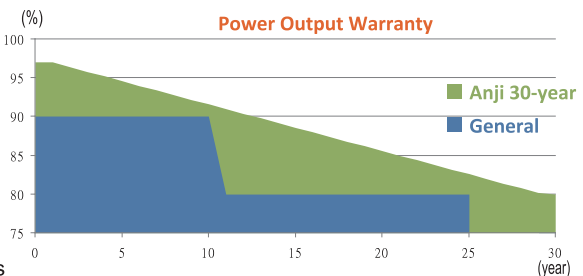
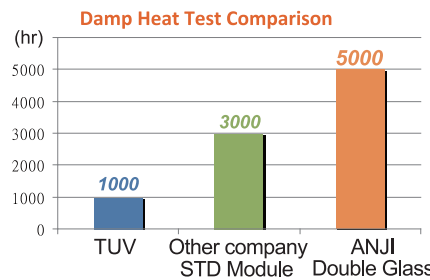


Working Condition

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 |