




Poly


280W Double Glass Module JAP60D00 260-280/SC Series

Introduction


By replacing the traditional polymer backsheet with heat-strengthened glass, JA double glass module has lower annual power degradation than a traditional module and better protection against harsh environment, making it more reliable and durable during its lifetime.




PID resistant and free of snail trails



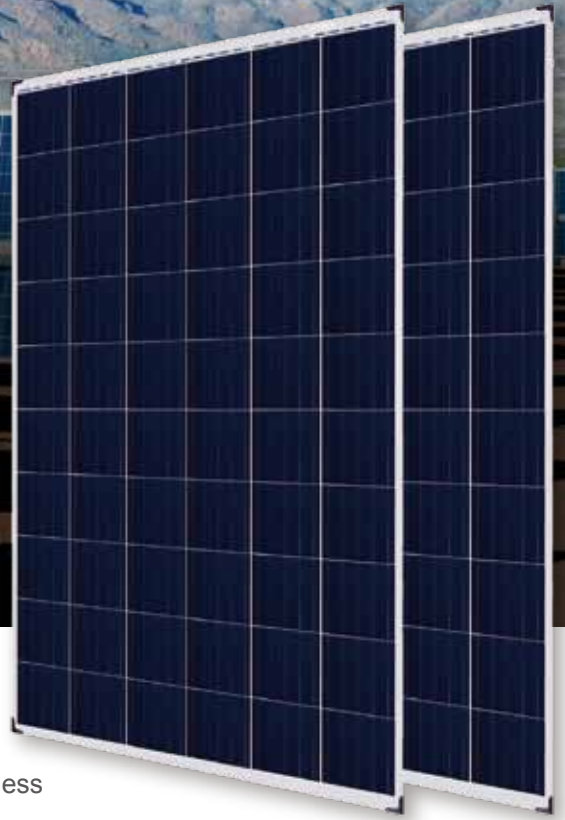
Increased module robustness to minimize micro-cracks



Fire class A enhanced safety



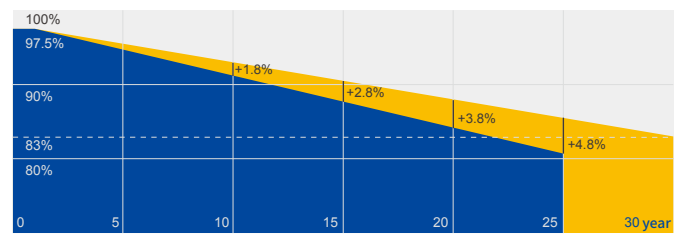
Suitable for harsh environments, such as coasts, deserts and lakes



Superior Warranty

- 12-year product warranty
- 30-year linear power output warranty

0.5% Annual Degradation Over 30 years



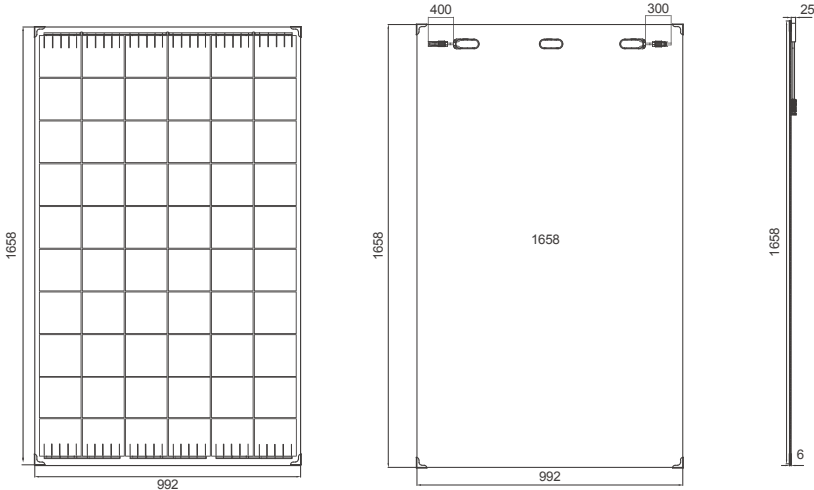
■ Additional Value From 30-Year Warranty ■ JA Standard

Comprehensive Certificates

- IEC 61215, IEC 61730, IEC TS 62804, IEC 61701, IEC 62716, IEC 60068-2-68
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems
- IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules – Guidelines for increased confidence in PV module design qualification and type approval



MECHANICAL DIAGRAMS



Remark: customized cable length available upon request

SPECIFICATIONS

Cell	Poly
Weight	23kg±3%
Dimensions	1658mm×992mm×6mm (1658mm×992mm×25mm with junction box)
Cable Cross Section Size	4mm ²
No. of cells	60(6x10)
Junction Box	IP68, 3 diodes
Connector	QC 4.10-35
Packaging Configuration	36 Per Pallet

ELECTRICAL PARAMETERS AT STC

TYPE	JAP60D00 -260/SC	JAP60D00 -265/SC	JAP60D00 -270/SC	JAP60D00 -275/SC	JAP60D00 -280/SC
Rated Maximum Power(Pmax) [W]	260	265	270	275	280
Open Circuit Voltage(Voc) [V]	37.88	38.16	38.45	38.72	38.97
Maximum Power Voltage(Vmp) [V]	30.85	31.14	31.48	31.76	32.05
Short Circuit Current(Isc) [A]	8.94	9.02	9.10	9.18	9.26
Maximum Power Current(Imp) [A]	8.43	8.51	8.58	8.66	8.74
Module Efficiency [%]	15.8	16.1	16.4	16.7	17.0
Power Tolerance	0~+5W				
Temperature Coefficient of Isc(α _{Isc})	+0.058%/°C				
Temperature Coefficient of Voc(β _{Voc})	-0.330%/°C				
Temperature Coefficient of Pmax(γ _{Pmp})	-0.400%/°C				
STC	Irradiance 1000W/m ² , cell temperature 25°C, AM1.5G				

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer.They only serve for comparison among different module types.

ELECTRICAL PARAMETERS AT NOCT

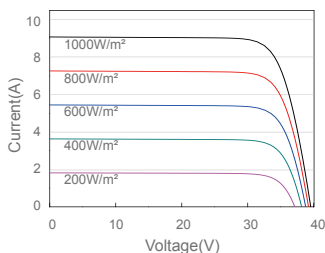
TYPE	JAP60D00 -260/SC	JAP60D00 -265/SC	JAP60D00 -270/SC	JAP60D00 -275/SC	JAP60D00 -280/SC
Rated Max Power(Pmax) [W]	194	197	201	205	209
Open Circuit Voltage(Voc) [V]	35.70	35.94	36.25	36.56	36.73
Max Power Voltage(Vmp) [V]	29.00	29.20	29.41	29.61	29.76
Short Circuit Current(Isc) [A]	7.22	7.25	7.29	7.35	7.41
Max Power Current(Imp) [A]	6.68	6.76	6.84	6.92	7.01
NOCT	Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s, AM1.5G				

OPERATING CONDITIONS

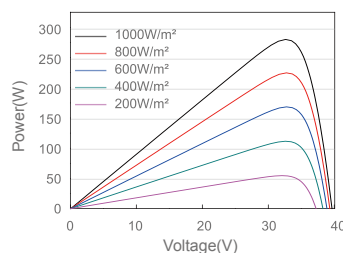
Maximum System Voltage	1500V DC(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Maximum Static Load,Front	5400Pa
Maximum Static Load,Back	2400Pa
NOCT	45±2°C
Application Class	Class A

CHARACTERISTICS

Current-Voltage Curve JAP60D00-270/SC



Power-Voltage Curve JAP60D00-270/SC



Current-Voltage Curve JAP60D00-270/SC

