Reliable Power for the Journey Ahead

670W

JA SOLAR

Preliminary Version

JAM66D50 GB n-type Double Glass Bifacial Modules

More Performance · Same Trust

Premium Modules

Higher Power Output

Bycium+ 5.0 Cell Technology

Superior Full-Screen Design

Enhanced Reliability

Composite Structure Enhancement Technology

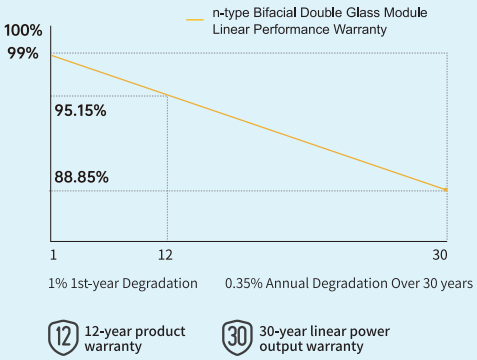
Higher Power Generation

Higher Bifaciality (85%)

Better Temperature Coefficient (-0.26%/°C)

Excellent Low-Light Performance

Lower LCOE Higher Customer Value

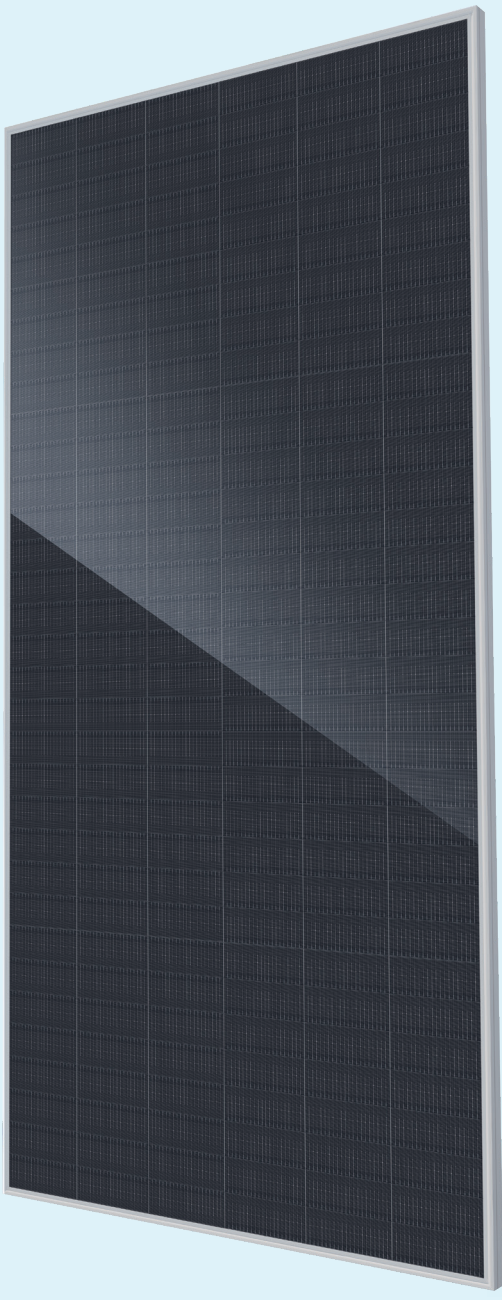


12 12-year product warranty

30 30-year linear power output warranty

Comprehensive Certificates

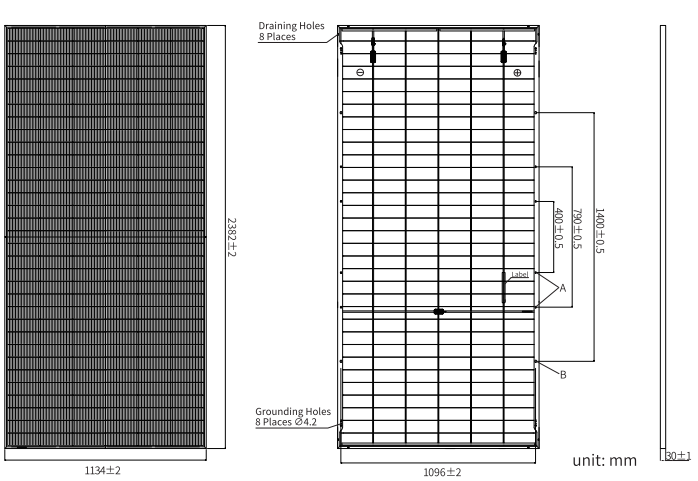
- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- ISO 45001: 2018 Occupational health and safety management systems
- IEC 62941: 2019 Terrestrial photovoltaic (PV) modules - Quality system for PV module manufacturing



DEEP BLUE DESERT 5.0

JAM66D50 GB n-type Double Glass Bifacial Modules

DEEP BLUE DESERT 5.0



MECHANICAL PARAMETERS

Cell	Mono
Weight	32.8kg
Dimensions	2382±2mm×1134±2mm×30±1mm
Cable Cross Section Size	4mm²(IEC), 12 AWG(UL)
No. of cells	198(6×33)
Junction Box	IP68, 3diodes
Connector	QC 4.10-351/ MC4-EVO2A
Cable Length (Including Connector)	Portrait: 300mm(+) /400mm(-) Landscape: 1400mm(+)/1400mm(-)
Frame	Anodized Aluminium Alloy
Front Glass	2.0mm, Anti-reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Packaging Configuration	36pcs/Pallet, 720pcs/40HQ Container

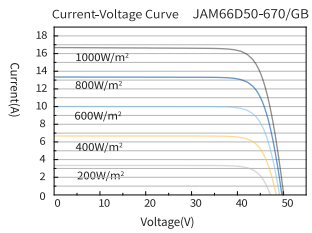
Remark: customized frame color and cable length available upon request

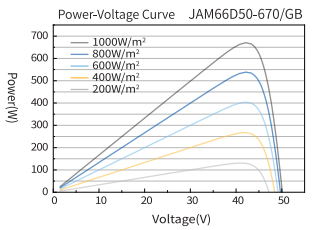
ELECTRICAL PARAMETERS AT STC

TYPE	JAM66D50 -645/GB	JAM66D50 -650/GB	JAM66D50 -655/GB	JAM66D50 -660/GB	JAM66D50 -665/GB	JAM66D50 -670/GB
Rated Maximum Power(Pmax) [W]	645	650	655	660	665	670
Open Circuit Voltage (Voc) [V]	49.96	50.05	50.14	50.23	50.32	50.41
Maximum Power Voltage(Vmp) [V]	40.98	41.17	41.36	41.56	41.75	41.93
Short Circuit Current(Isc) [A]	16.53	16.58	16.63	16.68	16.73	16.78
Maximum Power Current(Imp) [A]	15.74	15.79	15.84	15.89	15.93	15.98
Module Efficiency [%]	23.9	24.1	24.2	24.4	24.6	24.8
Power Tolerance	0~+3%					
Temperature Coefficient of Isc(α_Isc)	+0.041%/°C					
Temperature Coefficient of Voc(β_Voc)	-0.220%/°C					
Temperature Coefficient of Pmax(γ_Pmp)	-0.260%/°C					
STC	Irradiance 1000W/m², 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.

CHARACTERISTICS





ELECTRICAL PARAMETERS AT BNPI

TYPE	JAM66D50 -645/GB	JAM66D50 -650/GB	JAM66D50 -655/GB	JAM66D50 -660/GB	JAM66D50 -665/GB	JAM66D50 -670/GB
Rated Max Power(Pmax) [W]	715	720	726	731	737	742
Open Circuit Voltage(Voc) [V]	49.96	50.05	50.14	50.23	50.32	50.41
Max Power Voltage(Vmp) [V]	40.98	41.17	41.36	41.56	41.75	41.93
Short Circuit Current(Isc) [A]	18.32	18.37	18.43	18.48	18.54	18.59
Max Power Current(Imp) [A]	17.44	17.50	17.55	17.60	17.65	17.71
BNPI	Front Irradiance 1000W/m², Rear Irradiance 135W/m², cell temperature 25°C, AM1.5G					

OPERATING CONDITIONS

Maximum System Voltage	1500V DC
Operating Temperature*	-40°C~+70°C
Maximum Series Fuse Rating	35A
Maximum Static Load, Front	5400Pa(112 lb/ft²)
Maximum Static Load, Back	2400Pa(50 lb/ft²)
NOCT	45±2°C
Bifaciality	85%±5%
Safety Class	Class II
Fire Performance	UL Type 29/Class C

*PV module 98th percentile operating temperature : 70°C

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Specifications subject to technical changes and tests.
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