

Harvest the Sunshine

670W



JA SOLAR

JAM66D50 GB n-type Double Glass Bifacial Modules



DEEP BLUE 5.0

Intelligent · Quality · Evolution

Premium Modules



Higher Power Output

Bycium+ 5.0 Cell Technology

Full-Screen Design



Enhanced Reliability

Anti-Dust Frame Design

Composite Structure
Enhancement Technology



Higher Power Generation

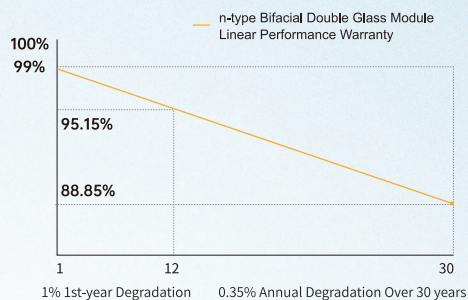
Higher Bifaciality (85%)

Better Temperature Coefficient ($-0.26\%/^{\circ}\text{C}$)

Excellent Low-Light Performance



Lower LCOE Higher Customer Value



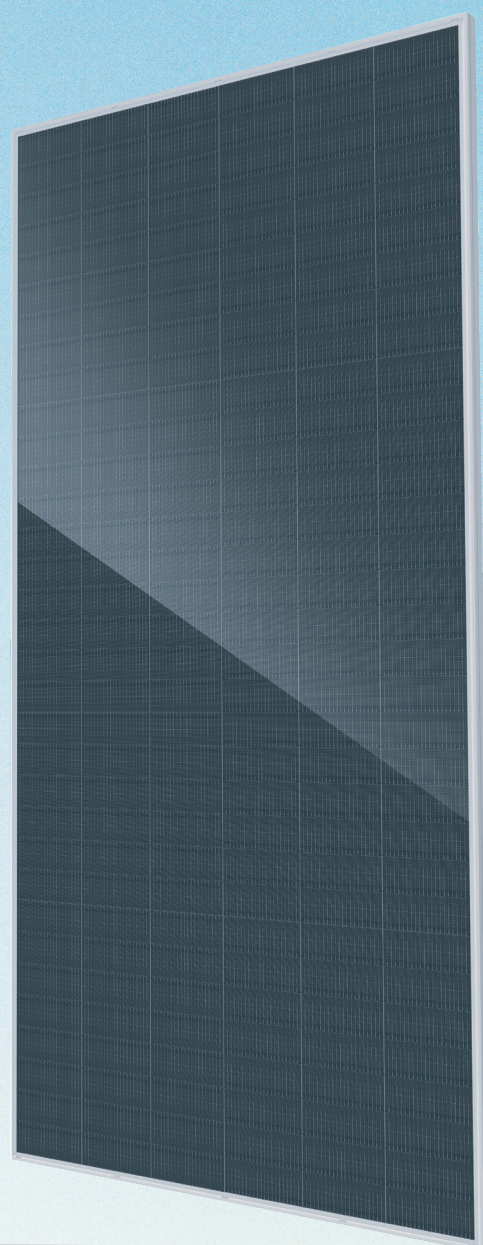
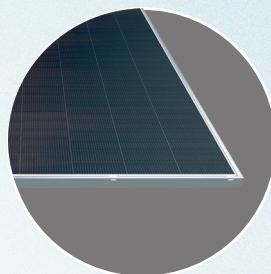
12-year product warranty



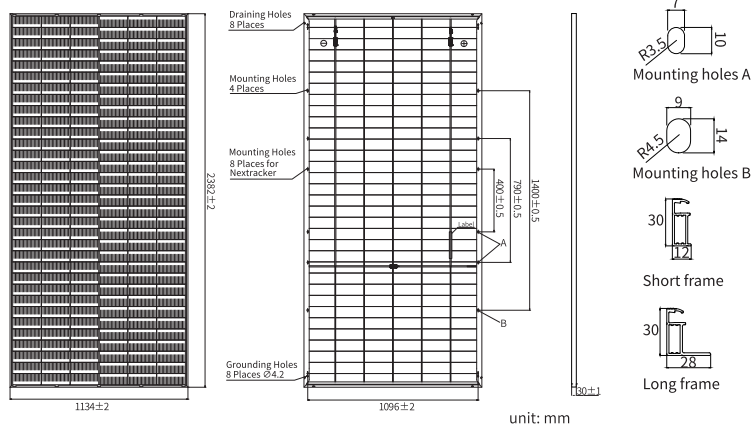
30-year linear power output warranty

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



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MECHANICAL PARAMETERS

Cell	Mono
Weight	32.8kg
Dimensions	2382±2mm×1134±2mm×30±1mm
Cable Cross Section Size	4mm ² (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(P _{max}) [W]	645	650	655	660	665	670
Open Circuit Voltage (V _{oc}) [V]	49.96	50.05	50.14	50.23	50.32	50.41
Maximum Power Voltage(V _{mp}) [V]	40.98	41.17	41.36	41.56	41.75	41.93
Short Circuit Current(I _{sc}) [A]	16.53	16.58	16.63	16.68	16.73	16.78
Maximum Power Current(I _{mp}) [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 I _{sc} /α _{Isc}	+0.041%/°C					
Temperature Coefficient of V _{oc} (β _{Voc})	-0.220%/°C					
Temperature Coefficient of P _{max} (γ _{Pmp})	-0.260%/°C					
STC	Irradiance 1000W/m ² , cell temperature 25°C, AM1.5G					

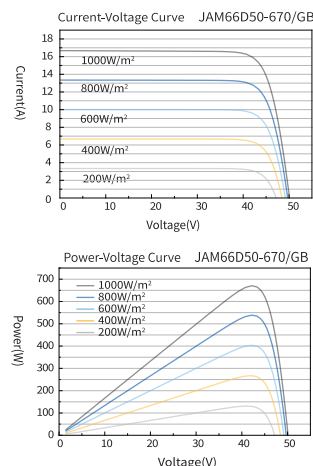
Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

ELECTRICAL PARAMETERS AT BNPI

TYPE	JAM66D50 -645/GB	JAM66D50 -650/GB	JAM66D50 -655/GB	JAM66D50 -660/GB	JAM66D50 -665/GB	JAM66D50 -670/GB
Rated Max Power(P _{max}) [W]	715	720	726	731	737	742
Open Circuit Voltage(V _{oc}) [V]	49.96	50.05	50.14	50.23	50.32	50.41
Max Power Voltage(V _{mp}) [V]	40.98	41.17	41.36	41.56	41.75	41.93
Short Circuit Current(I _{sc}) [A]	18.32	18.37	18.43	18.48	18.54	18.59
Max Power Current(I _{mp}) [A]	17.44	17.50	17.55	17.60	17.65	17.71
BNPI	Front Irradiance 1000W/m ² , Rear Irradiance 135W/m ² , cell temperature 25°C, AM1.5G					

* For Nextracker installations, maximum static load please take compatibility approve letter between JA Solar and Nextracker for reference.

CHARACTERISTICS



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/ft ²)
Maximum Static Load, Back*	2400Pa(50 lb/ft ²)
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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