Harvest the Sunshine

670W

JA SOLAR

JAM66D50 GB n-type Double Glass Bifacial Modules

DEEP BLUE 5.0

Intelligent · Quality · Evolution

Higher Power Output

Bycium+ 5.0 Cell Technology

Full-Screen Design

Enhanced Reliability

Anti-Dust Frame Design

Composite Structure Enhancement Technology

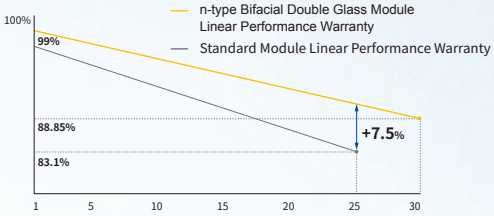
Higher Power Generation

Higher Bifaciality (85%)

Better Temperature Coefficient (-0.26%/°C)

Excellent Low-Light Performance

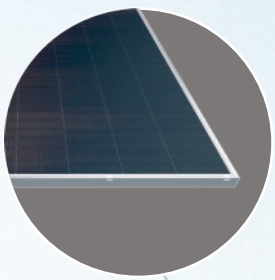
Lower LCOE Higher Customer Value

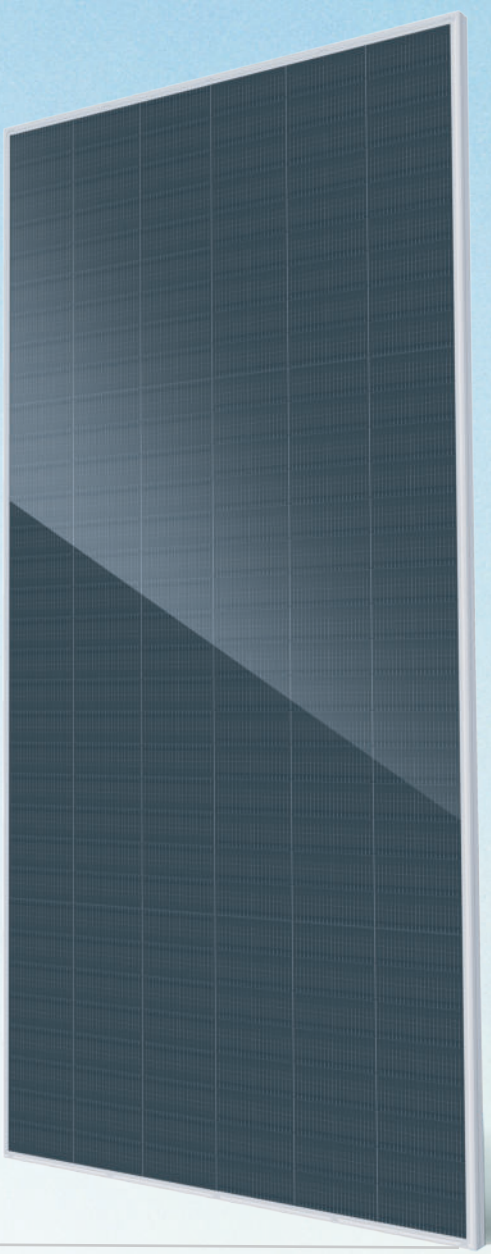


1% 1st-year Degradation 0.35% Annual Degradation Over 30 years

12 12-year product warranty

30 30-year linear power output warranty





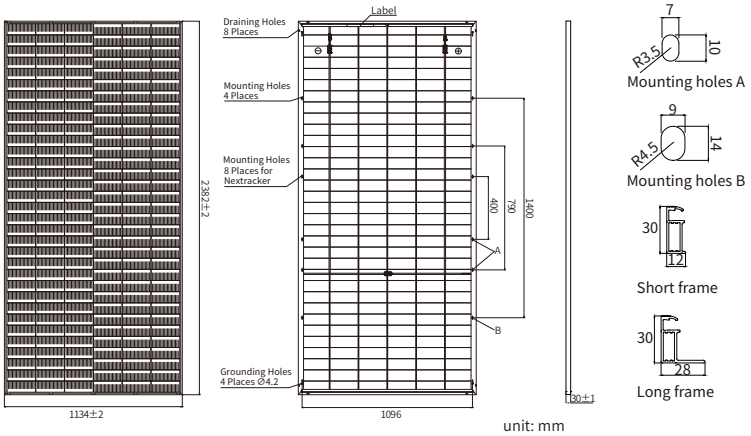
Comprehensive Certificates

- 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

TÜV SÜD CE

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unit: mm

MECHANICAL PARAMETERS

Cell	Mono
Weight	33.1kg
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(-)
Front Glass/Back Glass	2.0mm/2.0mm
Packaging Configuration	36pcs/Pallet, 720pcs/40HQ Container

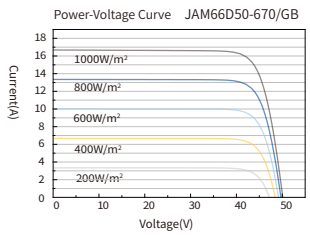
Remark: customized frame color and cable length available upon request

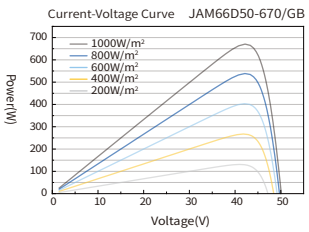
ELECTRICAL PARAMETERS AT STC

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	49.97	49.98	49.99	50.00	50.01
Maximum Power Voltage(Vmp) [V]	41.04	41.23	41.41	41.59	41.78	41.96
Short Circuit Current(Isc) [A]	16.43	16.48	16.53	16.58	16.63	16.68
Maximum Power Current(Imp) [A]	15.72	15.77	15.82	15.87	15.92	15.97
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 CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

TYPE	JAM66D50 -645/GB	JAM66D50 -650/GB	JAM66D50 -655/GB	JAM66D50 -660/GB	JAM66D50 -665/GB	JAM66D50 -670/GB
Rated Max Power(Pmax) [W]	697	702	707	713	718	724
Open Circuit Voltage(Voc) [V]	49.96	49.97	49.98	49.99	50.00	50.01
Max Power Voltage(Vmp) IV]	41.04	41.23	41.41	41.59	41.78	41.96
Short Circuit Current(Isc) [Al	17.74	17.80	17.85	17.91	17.96	18.01
Max Power Current(Imp) [A]	16.98	17.03	17.09	17.14	17.19	17.25
Irradiation Ratio (rear/front)	10%					

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

OPERATING CONDITIONS

Maximum System Voltage	1500V DC
Operating Temperature	-40°C~+85°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

JA SOLAR

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Specifications subject to technical changes and tests.
JA Solar reserves the right of final interpretation.

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