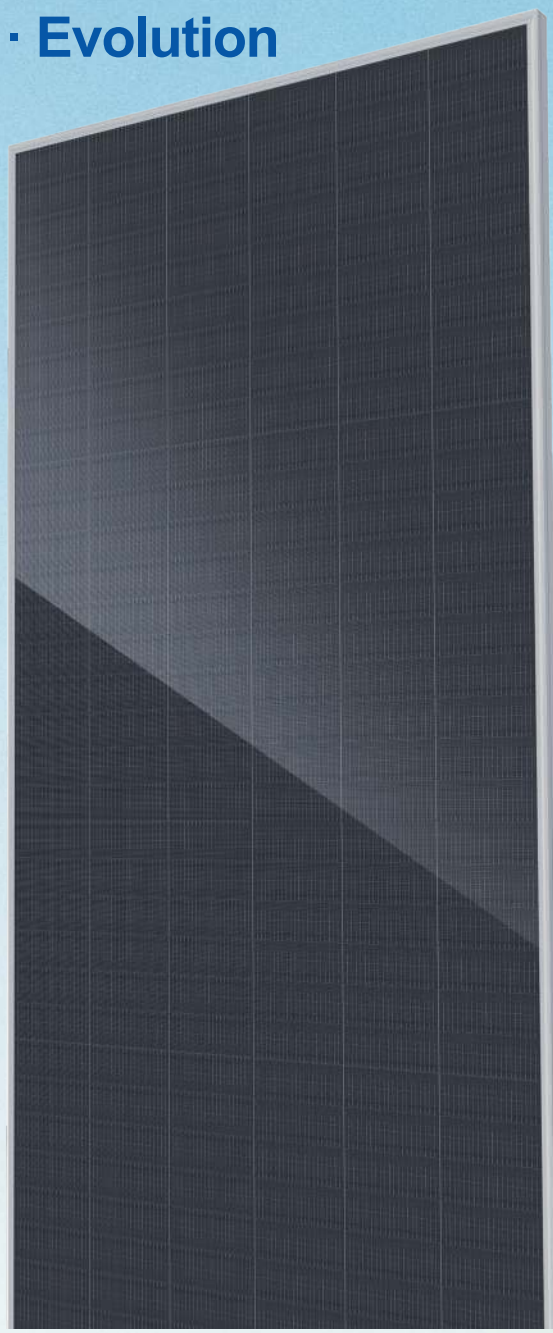
Harvest the Sunshine

665W

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

Composite Structure Enhancement Technology

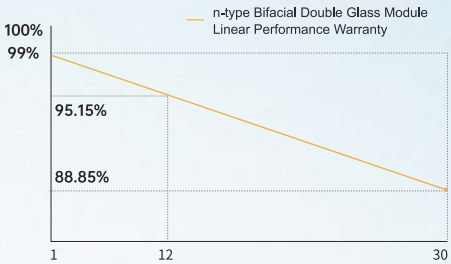
Higher Power Generation

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

*Remark: The performance warranty applies at STC condition.

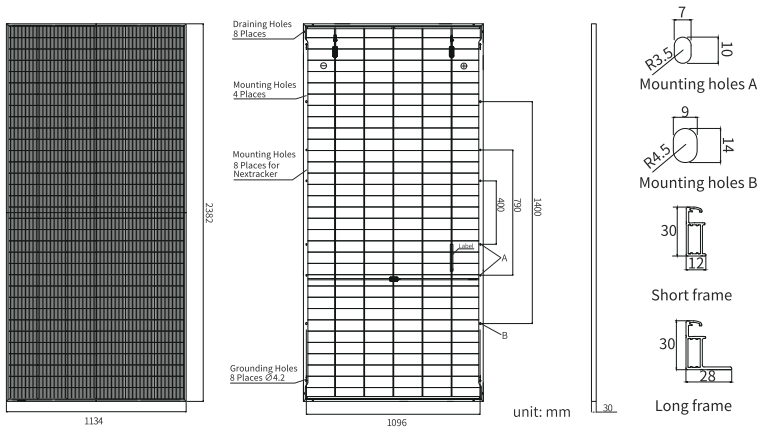
Comprehensive Certificates

- 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 5.0

JAM66D50 GB n-type Double Glass Bifacial Modules

DEEP BLUE 5.0



MECHANICAL PARAMETERS

Cell	Mono
Weight	32.8kg
Dimensions	2382mm×1134mm×30mm
Cable Cross Section Size	4mm²(IEC), 12 AWG(UL)
No. of cells	198(6×33)
Junction Box	IP68, 3diodes
Connector	Stäubli PV-KST4-EVO2A/xy,PV-KBT4-EVO2A/xy QC Solar QC4.10-351/ QC4.10-35
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
Country of Manufacturer	China/Vietnam

Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC and BNPI

TYPE	JAM66D50 -645/GB STC BNPI	JAM66D50 -650/GB STC BNPI	JAM66D50 -655/GB STC BNPI	JAM66D50 -660/GB STC BNPI	JAM66D50 -665/GB STC BNPI
Rated Maximum Power(Pmax) [W]	645 715	650 720	655 726	660 731	665 737
Open Circuit Voltage (Voc) [V]	49.96 49.96	50.05 50.05	50.14 50.14	50.23 50.23	50.32 50.32
Maximum Power Voltage(Vmp) [V]	40.98 40.98	41.17 41.17	41.36 41.36	41.56 41.56	41.75 41.75
Short Circuit Current(Isc) [A]	16.53 18.32	16.58 18.37	16.63 18.43	16.68 18.48	16.73 18.54
Maximum Power Current(Imp) [A]	15.74 17.44	15.79 17.50	15.84 17.55	15.89 17.60	15.93 17.65
Module Efficiency [%]	23.9	24.1	24.2	24.4	24.6
Short Circuit Current (Isc) [A] at BSI	20.50	20.56	20.62	20.68	20.75
Power Sorting 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				
BNPI	Front Irradiance 1000W/m², rear Irradiance 135W/m²				
BSI	Front Irradiance 1000W/m², rear Irradiance 300W/m²				

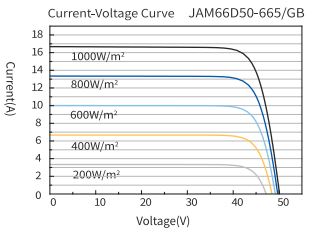
Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer.
They only serve for comparison among different module types.
Measurement torlerance at STC and BNPI:Pmax±3%, Voc±3%, Isc±5% and the tolerance of Isc at BSI: ±5%.

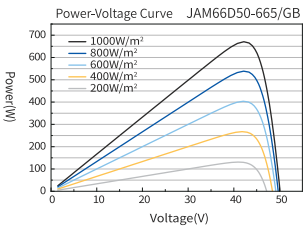
ELECTRICAL PARAMETERS With Low Irradiance Of 200W/m²

TYPE	JAM66D50 -645/GB	JAM66D50 -650/GB	JAM66D50 -655/GB	JAM66D50 -660/GB	JAM66D50 -665/GB
Rated Max Power(Pmax) [W]	126.5	127.0	127.5	128.1	128.9
Open Circuit Voltage(Voc) [V]	47.03	47.04	47.04	47.06	47.07
Max Power Voltage(Vmp) IV]	40.65	40.68	40.72	40.76	40.79
Short Circuit Current(Isc) [A]	3.30	3.30	3.31	3.32	3.33
Max Power Current(Imp) [A]	3 11	3 12	3 13	3 14	3 16
Low Irradiance	(200±2) W/m² ,module at (25±2) °C				

* 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**	3600Pa, 1.5
Maximum Static Load, Back**	1600Pa, 1.5
NOCT	45±2°C
Bifaciality	φPmax(85±5)% φVoc(98±5)% φIsc(85±10)%
Safety Class	Class II
Fire Performance	UL Type 38/Class C

*PV module 98th percentile operating temperature : 70°C
**3600Pa/1600Pa refers to the design load,1.5 refers to safety factors

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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