Harvest the Sunshine

630W

JA SOLAR

JAM66D45 LB n-type Double Glass Bifacial Modules

Premium Cells

n-Bycium+ 16BB

MBB Half-Cell Technology

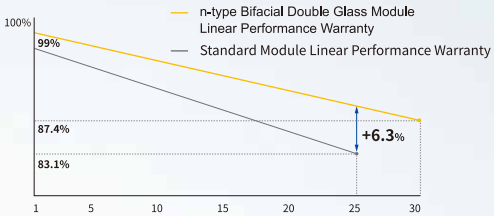
26%

Up To

Cell Conversion Efficiency

Premium Modules

- Higher power generation better LCOE
- n-type with very Lower LID
- Better Temperature Coefficient
- Better low irradiance response



1% 1st-year Degradation

0.4% Annual Degradation Over 30 years

12 12-year product warranty

30 30-year linear power output warranty

Comprehensive Certificates

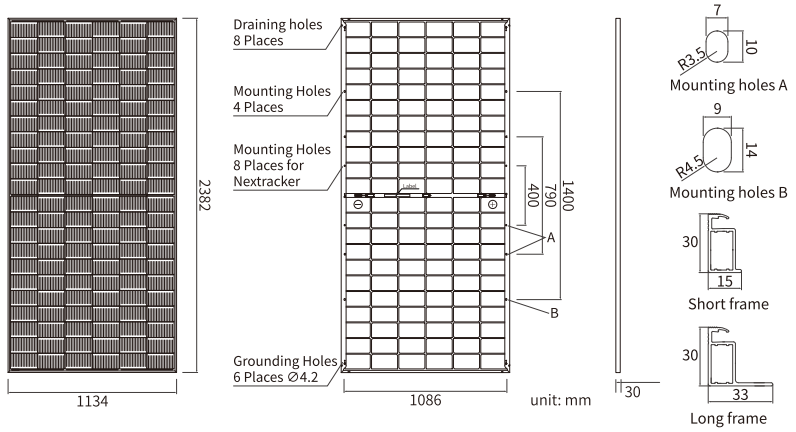
- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- ISO 45001: 2018 Occupational health and safety management systems
- IEC 62941: 2019 Terrestrial photovoltaic (PV) modules - Quality system for PV module manufacturing



DEEP BLUE 4.0 Pro

JAM66D45 LB n-type Double Glass Bifacial Modules

DEEP BLUE 4.0 Pro



MECHANICAL PARAMETERS

Cell	Mono
Weight	39.6kg
Dimensions	2382×1134mm×30mm
Cable Cross Section Size	4mm²(IEC), 12 AWG(UL)
No. of cells	132(6×22)
Junction Box	IP68, 3diodes
Connector	QC Solar QC4.10-351/QC4.10-35 Stäubli PV-KST4-EVO2A/xy ,PV-KBT4-EVO2A/xy
Cable Length (including Connector)	Portrait: 300mm(+) /400mm(-) Landscape: 1500mm(+)/1500mm(-)
Front Glass/Back Glass	2.5mm/2.5mm
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	JAM66D45 -605/LB		JAM66D45 -610/LB		JAM66D45 -615/LB		JAM66D45 -620/LB		JAM66D45 -625/LB		JAM66D45 -630/LB	
	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI
Rated Maximum Power(Pmax) [W]	605	665	610	670	615	675	620	680	625	685	630	695
Open Circuit Voltage (Voc) [V]	47.90	47.90	48.10	48.10	48.30	48.30	48.50	48.50	48.70	48.70	48.90	48.90
Maximum Power Voltage(Vmp) [V]	39.60	39.60	39.77	39.77	39.96	39.96	40.21	40.21	40.45	40.45	40.70	40.70
Short Circuit Current(Isc) [A]	16.00	17.59	16.05	17.63	16.10	17.68	16.13	17.70	16.15	17.71	16.18	17.85
Maximum Power Current(Imp) [A]	15.28	16.80	15.34	16.85	15.39	16.90	15.42	16.92	15.45	16.94	15.48	17.08
Module Efficiency [%]	22.4		22.6		22.8		23.0		23.1		23.3	
Short Circuit Current (Isc) [A]at BSI	19.58		19.73		19.77		19.78		19.80		19.90	
Power Tolerance	0~+3%											
Temperature Coefficient of Isc(α_Isc)	+0.045%/°C											
Temperature Coefficient of Voc (β_Voc)	-0.250%/°C											
Temperature Coefficient of Pmax(γ_Pmp)	-0.290%/°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											

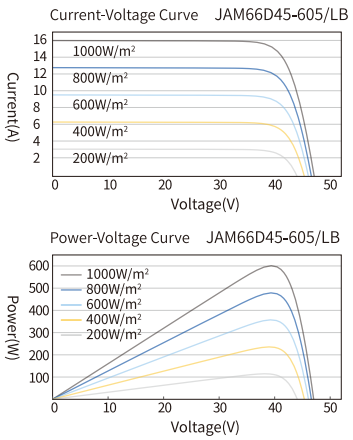
Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer.
They only serve for comparison among different module types.
Measurement tolerance at STC and BNPI: Pmax ±3%, Voc ±3% and Isc ±5%.

ELECTRICAL CHARACTERISTICS WITH 10% Bifacial Gains

TYPE	JAM66D45 -605/LB	JAM66D45 -610/LB	JAM66D45 -615/LB	JAM66D45 -620/LB	JAM66D45 -625/LB	JAM66D45 -630/LB
Rated Max Power(Pmax) [W]	665.5	671.0	676.5	682.0	687.5	693.0
Open Circuit Voltage(Voc) [V]	47.90	48.10	48.30	48.50	48.70	48.90
Max Power Voltage(Vmp) [V]	39.60	39.77	39.96	40.21	40.45	40.70
Short Circuit Current(Isc) [A]	17.60	17.66	17.71	17.74	17.77	17.80
Max Power Current(Imp) [A]	16.81	16.87	16.93	16.96	17.00	17.03

* 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~+85°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 (80±10) %, φVoc (98±5) %, φIsc (80±10) %
Safety Class	Class II
Fire Safety Class	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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