JA SOLAR | DEEP BLUE 4.0 Pro

740W JAM66D46 LB

n-type Double Glass Bifacial Modules

Premium Cells

n-Bycium+ 18BB	MBB Half-Cell Technology

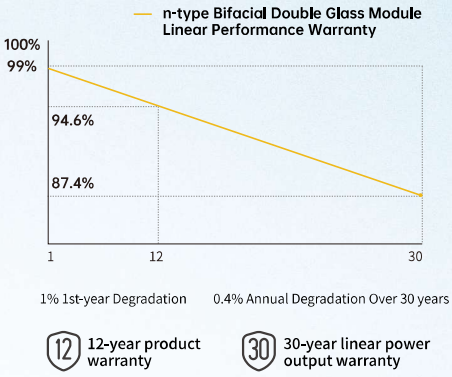
Premium Modules

Superior energy yield for lower LCOE

High-efficiency with advanced n-type Bycium+ cell technology

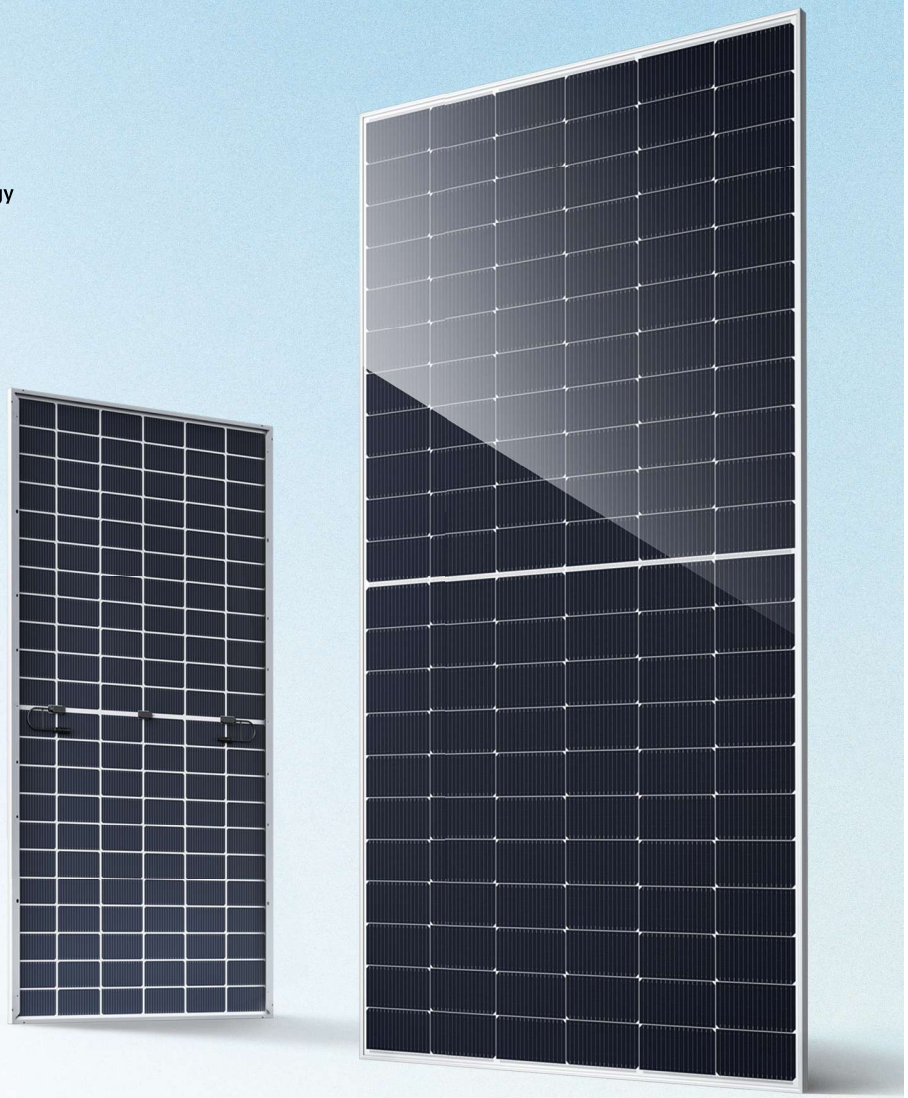
Higher power output with High-density module design

Excellent reliability, certified by authoritative institutions



12 12-year product warranty

30 30-year linear power output warranty

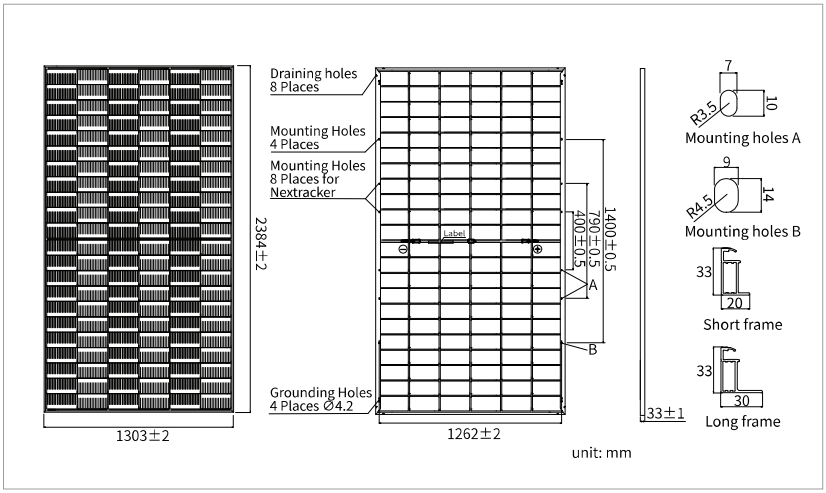


Comprehensive Certificates

- IEC 61215, IEC 61730, UL 61215, UL 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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n-type Double Glass Bifacial Modules

DEEP BLUE 4.0 Pro



MECHANICAL PARAMETERS

Cell	Mono
Weight	37.7kg
Dimensions	2384±2mm×1303±2mm×33±1mm
Cable Cross Section Size	4mm²(IEC), 12 AWG(UL)
No. of cells	132(6×22)
Junction Box	IP68, 3diodes
Connector	QC 4.10-351/ MC4-EVO2A
Cable Length (Including Connector)	Portrait: 400mm(+)/200mm(-) Landscape: 1400mm(+)/1400mm(-)
Frame	Anodized Aluminium Alloy
Front Glass	2.0mm,Anti-reflection Coating
Back Glass	2.0mm, Heat Strengthened Glass
Packaging Configuration	33pcs/Pallet, 594pcs/40HQ Container

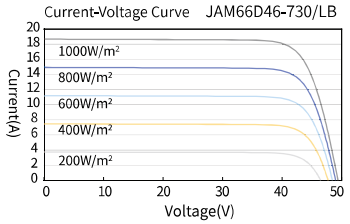
Remark: customized frame color and cable length available upon request

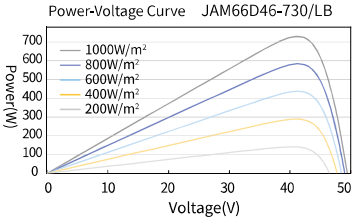
ELECTRICAL PARAMETERS AT STC

TYPE	JAM66D46 -715/LB	JAM66D46 -720/LB	JAM66D46 -725/LB	JAM66D46 -730/LB	JAM66D46 -735/LB	JAM66D46 -740/LB
Rated Maximum Power(Pmax) [W]	715	720	725	730	735	740
Open Circuit Voltage (Voc) [V]	48.80	49.00	49.20	49.40	49.60	49.80
Maximum Power Voltage(Vmp) [V]	41.00	41.19	41.39	41.58	41.77	41.96
Short Circuit Current(Isc) [A]	18.55	18.59	18.63	18.67	18.70	18.73
Maximum Power Current(Imp) [A]	17.44	17.48	17.52	17.56	17.60	17.64
Module Efficiency [%]	23.0	23.2	23.3	23.5	23.7	23.8
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					

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	JAM66D46 -715/LB	JAM66D46 -720/LB	JAM66D46 -725/LB	JAM66D46 -730/LB	JAM66D46 -735/LB	JAM66D46 -740/LB
Rated Max Power(Pmax) [W]	785	795	800	806	811	817
Open Circuit Voltage(Voc) [V]	48.80	49.00	49.20	49.40	49.60	49.80
Max Power Voltage(Vmp) [V]	41.00	41.19	41.39	41.58	41.77	41.96
Short Circuit Current(Isc) [A]	20.37	20.52	20.57	20.61	20.64	20.68
Max Power Current(Imp) [A]	19.15	19.30	19.34	19.39	19.43	19.47
BNPI	Front Irradiance 1000W/m², Rear Irradiance 135W/m², cell temperature 25°C, AM1.5G					

** 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~+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	80%±5%
Safety Class	Class II
Fire Performance	UL Type 29/Class C

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

JA SOLAR

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Specifications subject to technical changes and tests.
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