JA SOLAR

Harvest the Sunshine

715W

JAM66D46 LB n-type Double Glass Bifacial Modules

Premium Cells

n-Bycium+ 18BB

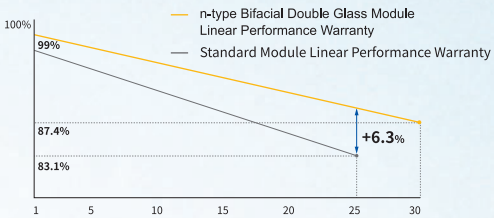
MBB Half-Cell Technology

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

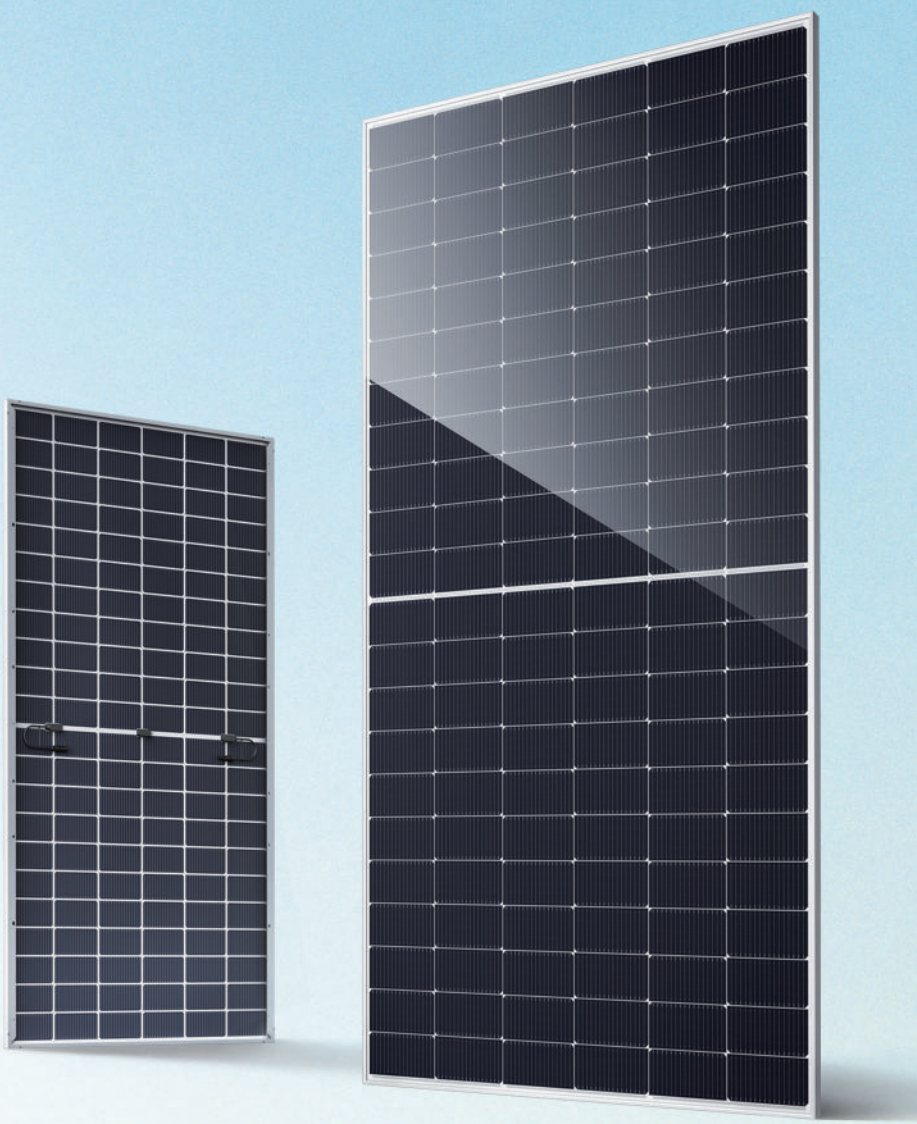


1% 1st-year Degradation

0.4% Annual Degradation Over 30 years

12 12-year product warranty

30 30-year linear power output warranty



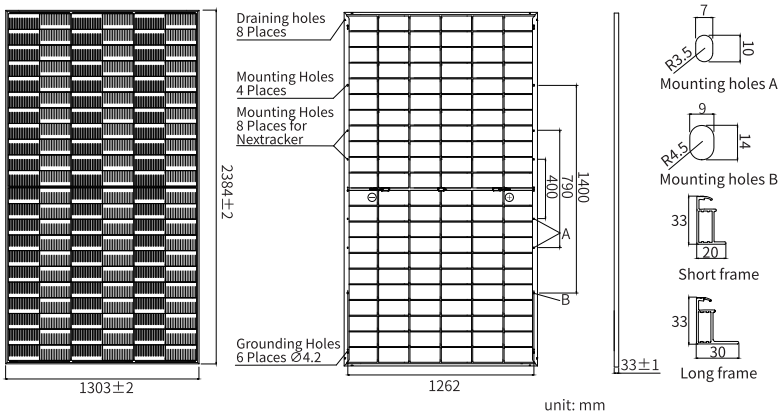
Comprehensive Certificates

- IEC 61215, IEC 61730, 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

DEEP BLUE 4.0 Pro

JAM66D46 LB n-type Double Glass Bifacial Modules

DEEP BLUE 4.0 Pro



MECHANICAL PARAMETERS

Cell	Mono
Weight	38.2kg
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: 300mm(+) /400mm(-) Landscape: 1500mm(+)/1500mm(-)
Front Glass/Back Glass	2.0mm/2.0mm
Packaging Configuration	33pcs/Pallet, 594pcs/40HQ Container

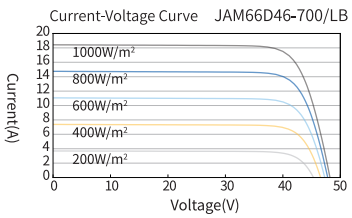
Remark: customized frame color and cable length available upon request

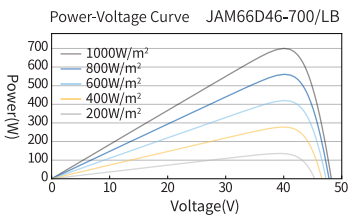
ELECTRICAL PARAMETERS AT STC

TYPE	JAM66D46 -690/LB	JAM66D46 -695/LB	JAM66D46 -700/LB	JAM66D46 -705/LB	JAM66D46 -710/LB	JAM66D46 -715/LB
Rated Maximum Power(Pmax) [W]	690	695	700	705	710	715
Open Circuit Voltage (Voc) M	47.80	48.00	48.20	48.40	48.60	48.80
Maximum Power Voltage(Vmp) [V]	40.02	40.22	40.42	40.61	40.80	41.00
Short Circuit Current(Isc) [A]	18.35	18.39	18.43	18.47	18.51	18.55
Maximum Power Current(Imp) [A]	17.24	17.28	17.32	17.36	17.40	17.44
Module Efficiency [%]	22.2	22.4	22.5	22.7	22.9	23.0
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 CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

TYPE	JAM66D46 -690/LB	JAM66D46 -695/LB	JAM66D46 -700/LB	JAM66D46 -705/LB	JAM66D46 -710/LB	JAM66D46 -715/LB
Rated Max Power(Pmax) [W]	745	751	756	761	767	772
Open Circuit Voltage(Voc) [V]	47.80	48.00	48.20	48.40	48.60	48.80
Max Power Voltage(Vmp) IV]	40.02	40.22	40.42	40.61	40.80	41.00
Short Circuit Current(Isc) [Al	19.82	19.86	19.90	19.95	19.99	20.03
Max Power Current(Imp) [A]	18.62	18.66	18.71	18.75	18.79	18.84
Irradiation Ratio (rear/front)	10%					

* For Nextracker installations, maximum static load please take compatibility approve letter between JA Solar and Nextracker for reference.
** Bifaciality=Pmax, rear/Rated Pmax, front

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**	80%±10%
Safety Class	Class II
Fire Performance	UL Type 29/Class C

JA SOLAR

Headquarters No. 8 Building, Nuode Center, No.1 Courtyard, East Auto Museum Road, Fengtai District, Beijing
Tel: +86 10 6361 1888 Fax: +86 10 6361 1999
E-mail: sales@jasolar.com marketing@jasolar.com www.jasolar.com

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

Version No. : Global-EN-20240426A