

# Harvest the Sunshine

# JA SOLAR

# 720W



## JAM66D46 LB n-type Double Glass Bifacial Modules

### Premium Cells

n-  
Bycium+  
18BB

MBB Half-Cell  
Technology

# 26%



Cell Conversion  
Efficiency

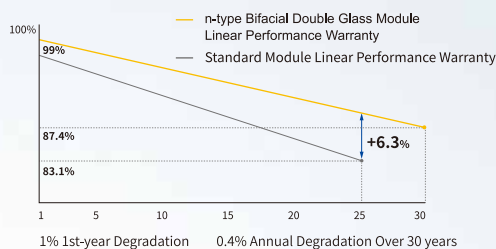
### Premium Modules

Higher power  
generation better LCOE

n-type with very  
Lower LID

Better Temperature  
Coefficient

Better low irradiance  
response



12-year product  
warranty

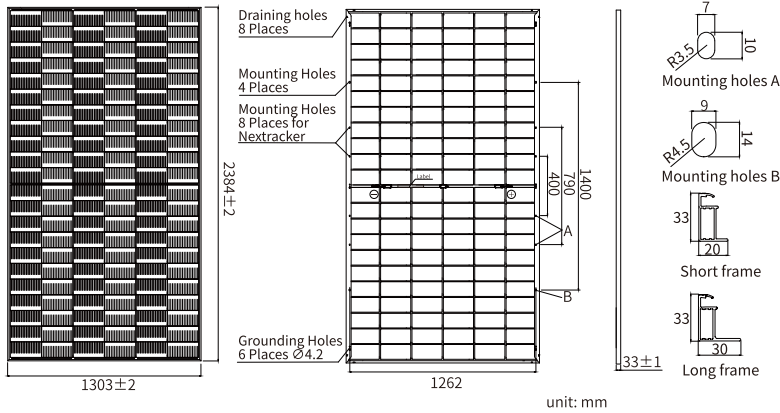
30-year linear power  
output warranty

### 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



### MECHANICAL PARAMETERS

Cell	Mono
Weight	38.2kg
Dimensions	2384±2mm × 1303±2mm × 33±1mm
Cable Cross Section Size	4mm <sup>2</sup> (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 -695/LB	JAM66D46 -700/LB	JAM66D46 -705/LB	JAM66D46 -710/LB	JAM66D46 -715/LB	JAM66D46 -720/LB
Rated Maximum Power(Pmax) [W]	695	700	705	710	715	720
Open Circuit Voltage (Voc) [V]	48.00	48.20	48.40	48.60	48.80	49.00
Maximum Power Voltage(Vmp) [V]	40.22	40.42	40.61	40.80	41.00	41.19
Short Circuit Current(Isc) [A]	18.39	18.43	18.47	18.51	18.55	18.59
Maximum Power Current(Imp) [A]	17.28	17.32	17.36	17.40	17.44	17.48
Module Efficiency [%]	22.4	22.5	22.7	22.9	23.0	23.2
Power Tolerance	0~+3%					
Temperature Coefficient of Isc(α <sub>Isc</sub> )	+0.045%/°C					
Temperature Coefficient of Voc (β <sub>Voc</sub> )	-0.250%/°C					
Temperature Coefficient of Pmax(γ <sub>Pmp</sub> )	-0.290%/°C					
STC	Irradiance 1000W/m <sup>2</sup> , cell temperature 25°C, AM1.5G					

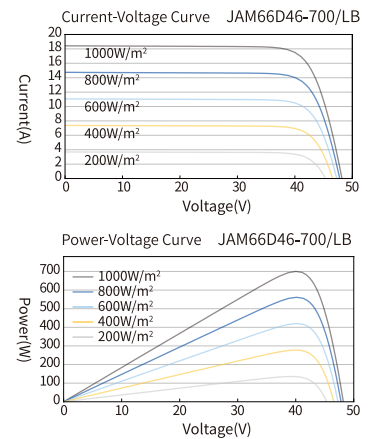
Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

### ELECTRICAL CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

TYPE	JAM66D46 -695/LB	JAM66D46 -700/LB	JAM66D46 -705/LB	JAM66D46 -710/LB	JAM66D46 -715/LB	JAM66D46 -720/LB
Rated Max Power(Pmax) [W]	751	756	761	767	772	778
Open Circuit Voltage(Voc) [V]	48.00	48.20	48.40	48.60	48.80	49.00
Max Power Voltage(Vmp) [V]	40.22	40.42	40.61	40.80	41.00	41.19
Short Circuit Current(Isc) [A]	19.86	19.90	19.95	19.99	20.03	20.08
Max Power Current(Imp) [A]	18.66	18.71	18.75	18.79	18.84	18.88
Irradiation Ratio (rear/front)	10%					

\* For NextTracker installations, maximum static load please take compatibility approve letter between JA Solar and NextTracker 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*	5400Pa(112 lb/ft <sup>2</sup> )
Maximum Static Load, Back*	2400Pa(50 lb/ft <sup>2</sup> )
NOCT	45±2°C
Bifaciality	80%±5%
Safety Class	Class II
Fire Performance	UL Type 29/Class C