

Harvest the Sunshine

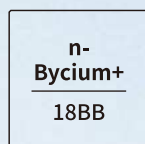
720W



JA SOLAR

JAM66D46 LB n-type Double Glass Bifacial Modules

Premium Cells



MBB Half-Cell
Technology

26%
Up To

Cell Conversion
Efficiency

Premium Modules



Higher power
generation better LCOE



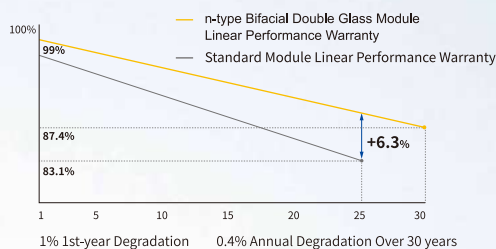
n-type with very
Lower LID



Better Temperature
Coefficient



Better low irradiance
response



12-year product
warranty

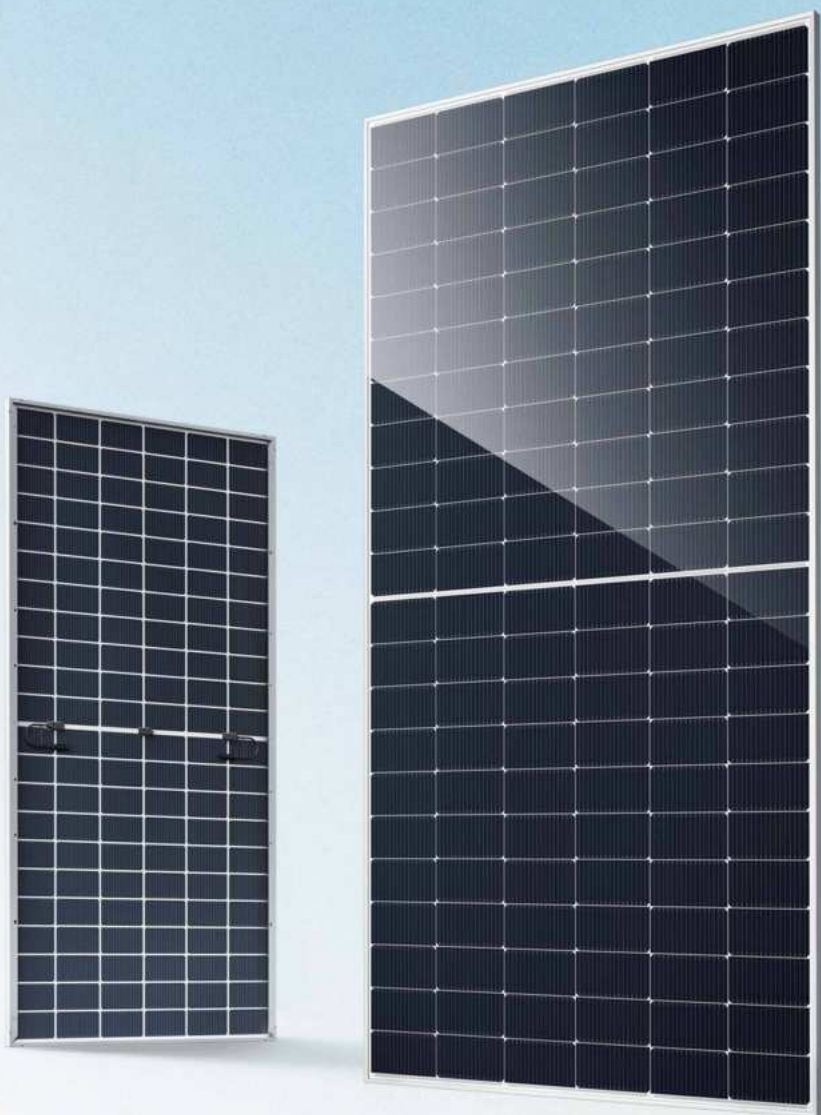


30-year linear power
output warranty

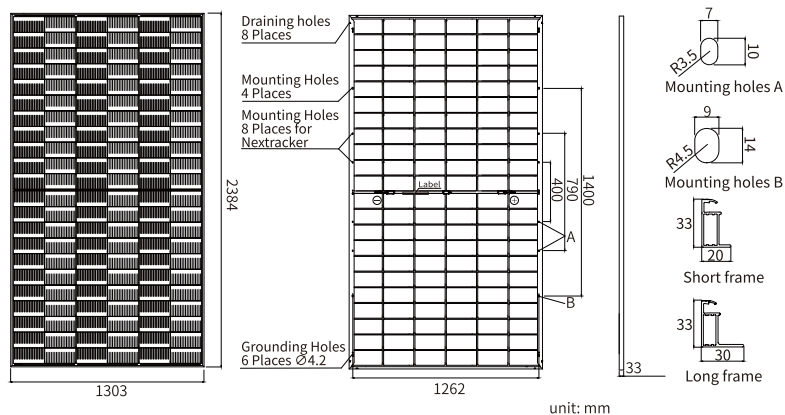
*Remark: The performance warranty applies at STC condition.

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 4.0 Pro



MECHANICAL PARAMETERS

Cell	Mono
Weight	38.2kg
Dimensions	2384mm × 1303mm × 33mm
Cable Cross Section Size	4mm ² (IEC), 12 AWG(UL)
No. of cells	132(6 × 22)
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: 400mm(+)/200mm(-) Landscape: 1400mm(+)/1400mm(-)
Front Glass/Back Glass	2.0mm/2.0mm
Packaging Configuration	33pcs/Pallet, 594pcs/40HQ Container
Country of Manufacturer	China/Vietnam

Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC and BNPI

TYPE	JAM66D46 -695/LB STC BNPI	JAM66D46 -700/LB STC BNPI	JAM66D46 -705/LB STC BNPI	JAM66D46 -710/LB STC BNPI	JAM66D46 -715/LB STC BNPI	JAM66D46 -720/LB STC BNPI
Rated Maximum Power(P _{max}) [W]	695 765	700 770	705 775	710 780	715 785	720 795
Open Circuit Voltage (V _{oc}) [V]	48.00 48.00	48.20 48.20	48.40 48.40	48.60 48.60	48.80 48.80	49.00 49.00
Maximum Power Voltage(V _{mp}) [V]	40.22 40.22	40.42 40.42	40.61 40.61	40.80 40.80	41.00 41.00	41.19 41.19
Short Circuit Current(I _{sc}) [A]	18.39 20.24	18.43 20.27	18.47 20.30	18.51 20.33	18.55 20.37	18.59 20.52
Maximum Power Current(I _{mp}) [A]	17.28 19.03	17.32 19.05	17.36 19.09	17.40 19.12	17.44 19.15	17.48 19.30
Module Efficiency [%]	22.4	22.5	22.7	22.9	23.0	23.2
Short Circuit Current (I _{sc}) [A] at BSI	22.62	22.64	22.66	22.68	22.83	22.88
Power Tolerance	0~+3%					
Temperature Coefficient of I _{sc} (α _{Isc})	+0.045%/°C					
Temperature Coefficient of V _{oc} (β _{Voc})	-0.250%/°C					
Temperature Coefficient of P _{max} (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.

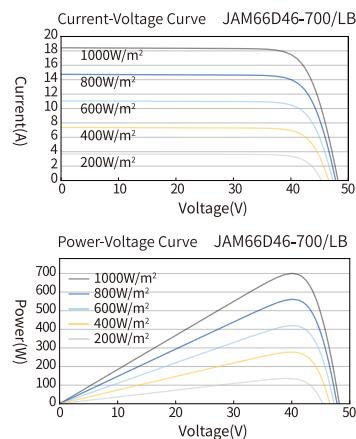
Measurement tolerance at STC and BNPI: P_{max} ± 3%, V_{oc} ± 3%, I_{sc} ± 5% and the tolerance of I_{sc} at BSI: ± 5%.

ELECTRICAL CHARACTERISTICS WITH 10% Bifacial Gains and Low Irradiance Of 200W/m²

TYPE	JAM66D46 -695/LB 10% 200W/m ²	JAM66D46 -700/LB 10% 200W/m ²	JAM66D46 -705/LB 10% 200W/m ²	JAM66D46 -710/LB 10% 200W/m ²	JAM66D46 -715/LB 10% 200W/m ²	JAM66D46 -720/LB 10% 200W/m ²
Rated Max Power(P _{max}) [W]	751 137	756 138	761 139	767 140	772 141	778 141
Open Circuit Voltage(V _{oc}) [V]	48.00 45.20	48.20 45.38	48.40 45.58	48.60 45.76	48.80 45.95	49.00 46.10
Max Power Voltage(V _{mp}) [V]	40.22 39.10	40.42 39.27	40.61 39.44	40.80 39.60	41.00 39.77	41.19 39.86
Short Circuit Current(I _{sc}) [A]	19.86 3.68	19.90 3.69	19.95 3.70	19.99 3.70	20.03 3.71	20.08 3.71
Max Power Current(I _{mp}) [A]	18.66 3.50	18.71 3.51	18.75 3.51	18.79 3.52	18.84 3.53	18.88 3.55
Irradiation Ratio (rear/front)	10%					
Low Irradiance	(200 ± 2) W/m ² , module at (25 ± 2) °C					

** 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~+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	φP _{max} (80 ± 5)%, φV _{oc} (98 ± 5)%, φI _{sc} (80 ± 5)%
Safety Class	Class II
Fire Performance	UL Type 29/Class C

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