

Harvest the Sunshine

715W

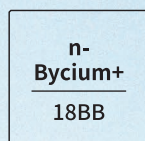


JA SOLAR

# JAM66D46 LB

n-type Double Glass Bifacial Modules

## Premium Cells



MBB Half-Cell Technology

26%



Cell Conversion Efficiency

## Premium Modules



Higher power generation better LCOE



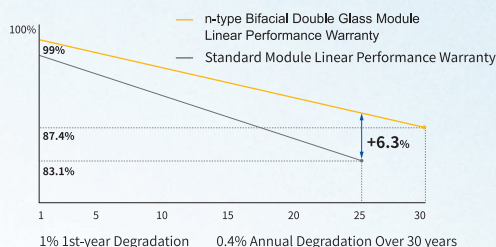
n-type with very Lower LID



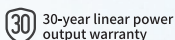
Better Temperature Coefficient



Better low irradiance response



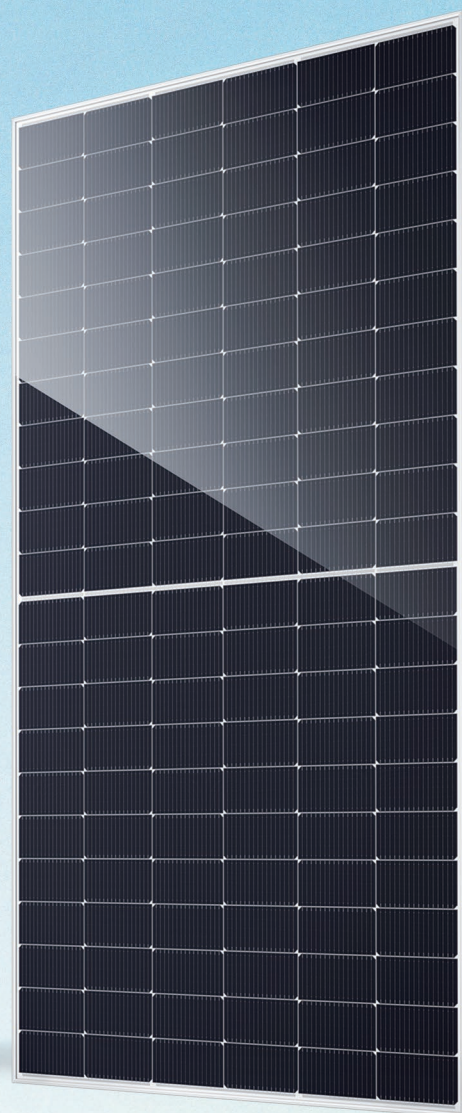
12-year product warranty



30-year linear power output warranty

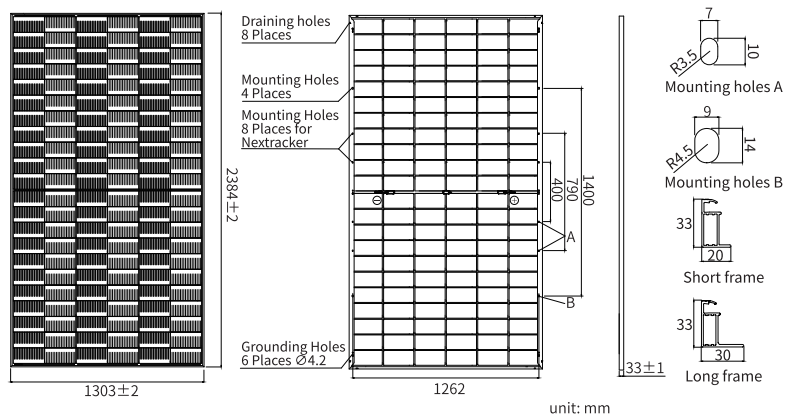
## Comprehensive Certificates

- IEC 61215, IEC 61730, 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





## 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<br>(Including Connector) | Portrait: 300mm(+)/400mm(-)<br>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<br>-690/LB                                | JAM66D46<br>-695/LB | JAM66D46<br>-700/LB | JAM66D46<br>-705/LB | JAM66D46<br>-710/LB | JAM66D46<br>-715/LB |
|----------------------------------------|----------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Rated Maximum Power(Pmax) [W]          | 690                                                | 695                 | 700                 | 705                 | 710                 | 715                 |
| Open Circuit Voltage (Voc) [V]         | 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.

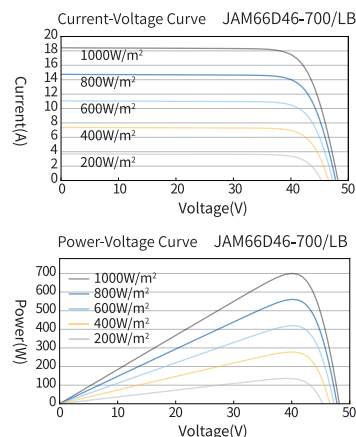
## ELECTRICAL CHARACTERISTICS WITH 10% SOLAR IRRADIATION RATIO

| TYPE                           | JAM66D46<br>-690/LB | JAM66D46<br>-695/LB | JAM66D46<br>-700/LB | JAM66D46<br>-705/LB | JAM66D46<br>-710/LB | JAM66D46<br>-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) [V]     | 40.02               | 40.22               | 40.42               | 40.61               | 40.80               | 41.00               |
| Short Circuit Current(Isc) [A] | 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 NextTracker installations, maximum static load please take compatibility approve letter between JA Solar and NextTracker for reference.

\*\* Bifaciality=Pmax, rear/Rated Pmax, front

## 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/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 |