

All-Black BIPV 375-395 Watt

Building Integrated PV

Positive power tolerance of 0~+3%

IEC61215(2016), IEC61730(2016)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018

Occupational health and safety management systems



Character



Higher Aesthetics

Inherent advantages of integration in module design;
Better appearance without metal wire exposition



Higher Reliability

Dual glass structure guarantees lower crack and no diffusivity,
also better corrosion resistance and less risk in transportation



Colorful Types

Diverse styles with rich colors, in line with modern
architectural aesthetics



Power Generated Building

Integrated power generator can meet the requirements for
energy-saving buildings



Higher Efficiency

Higher-density cell arrangement can put more cells per
unit area and achieve higher module efficiency



Higher Safety

Double layers of 6mm+6mm tempered glass with class A of
fireproofing; Better wind load, heat resistance and frost
resistance



Building Integrated

Meet the requirements of building safety, can be used as
building unit for integrated installation



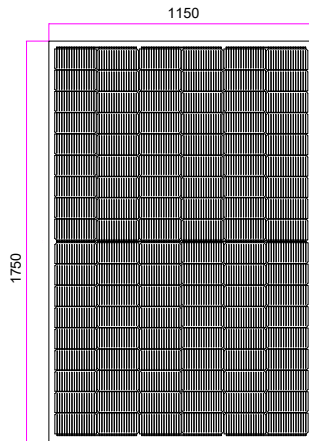
PERFORMANCE WARRANTY

5 Year Product Warranty

25 Year Power Warranty

10% in the first 10 years and 20% in the remain 15 years

Engineering Drawings



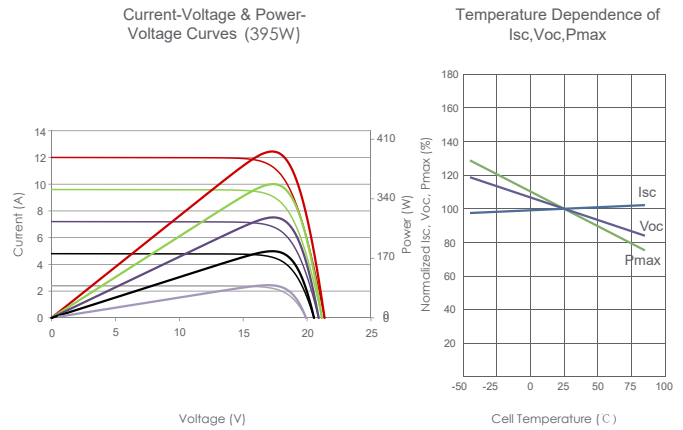
Length: ±2mm
Width: ±2mm
Height: ±1mm
Row Pitch: ±2mm

Packaging Configuration

(Two pallets = One stack)

17pcs/pallet , 34pcs/stack, 340pcs/40'HQ Container or customized

Electrical Performance & Temperature Dependence



Mechanical Characteristics

| | |
|------------------|--|
| Cell Type | N-Type Cells |
| No. of Half-Cell | 108 |
| Dimensions | 1750×115' ×11.5mm (68.90*+, %, *0.45inch) |
| Weight | 5+%(kg (1)' %0bs) |
| Front/Back Glass | 5.0mm+5.0mm Tempered Glass |
| Junction Box | IP68 Rated |
| Output Cables | TÜV x4.0mm ² , (+)400mm,(-)200mm or Customized Length |

SPECIFICATIONS

| Module Type | JKBF375N-54HL4 -BDV-B0D | | JKBF380N-54HL4 -BDV-B0D | | JKBF385N-54HL4 -BDV-B0D | | JKBF390N-54HL4 -BDV-B0D | | JKBF395N-54HL4 -BDV-B0D | |
|---|----------------------------|-------|----------------------------|-------|----------------------------|--------|----------------------------|--------|----------------------------|--------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power (Pmax) | 375Wp | 282Wp | 380Wp | 286Wp | 385Wp | 289Wp | 390Wp | 293Wp | 395Wp | 297Wp |
| Maximum Power Voltage (Vmp) | 33.5V | 31.1V | 33.5V | 31.1V | 33.5V | 31.1V | 33.5V | 31.1V | 33.5V | 31.1V |
| Maximum Power Current (Imp) | 11.21A | 9.05A | 11.36A | 9.17A | 11.51A | 9.30A | 11.66A | 9.42A | 11.81A | 9.54A |
| Open-circuit Voltage (Voc) | 38.5V | 36.2V | 38.5V | 36.2V | 38.5V | 36.2V | 38.5V | 36.2V | 38.5V | 36.2V |
| Short-circuit Current (Isc) | 12.11A | 9.78A | 12.27A | 9.91A | 12.43A | 10.04A | 12.59A | 10.17A | 12.75A | 10.30A |
| Module Efficiency STC (%) | 18.63% | | 18.88% | | 19.13% | | 19.38% | | 19.63% | |
| Operating Temperature(°C) | -40°C~+85°C | | | | | | | | | |
| Maximum system voltage | 1500VDC (IEC) | | | | | | | | | |
| Maximum series fuse rating | 25A | | | | | | | | | |
| Power tolerance | 0~+3% | | | | | | | | | |
| Temperature coefficients of Pmax | -0.30%/°C | | | | | | | | | |
| Temperature coefficients of Voc | -0.25%/°C | | | | | | | | | |
| Temperature coefficients of Isc | 0.046%/°C | | | | | | | | | |
| Nominal operating cell temperature (NOCT) | 45±2°C | | | | | | | | | |

*STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

* Power measurement tolerance: ±3%