



## Bifacial Double Glass Module

DAS-DH132NE-625

DAS-DH132NE-630

## Key Features



### High Efficiency

Leading module efficiency in industry, up to 23.3%



### Excellent Appearance and Performance

Bifacial solar cell, symmetrical design, low risk of micro-crack



### High Reliability

Passed 3\*IEC standard test, 15 years materials warranty, 30 years power warranty



### Excellent Rear Side Power Generation

Bifaciality is up to 80%, up to 30% more energy yield than conventional modules



### Better low irradiance performance

Higher power output even under low irradiance environments like on cloudy or foggy days



### Extensive Application Scenes

More extensive application scenes, such as snow field, vertical installation, high humidity, strong wind and desert region

Maximum  
Power Output

**630W**

Maximum  
Module Efficiency

**23.3%**

Power Output  
Tolerance

**0~+5W**

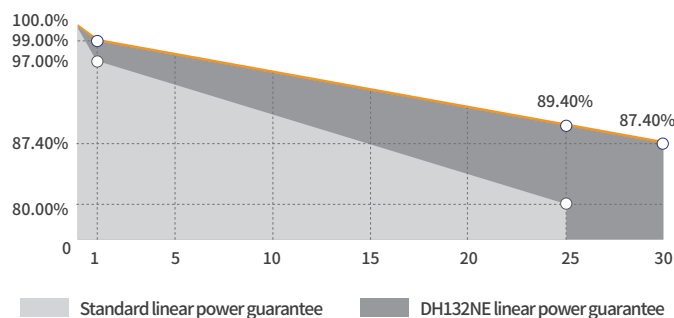
## Product and Quality Certifications

IEC 61215, IEC 61730

ISO 9001: Quality Management System

ISO 14001: Environment Management System

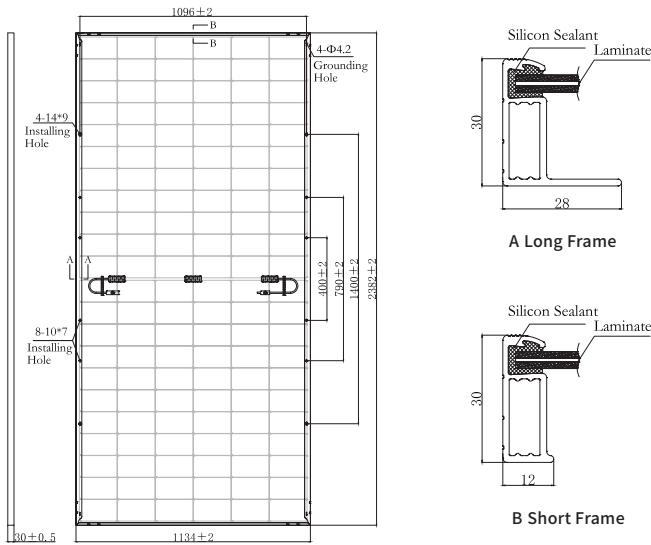
ISO 45001: Occupational Health and Safety Management System



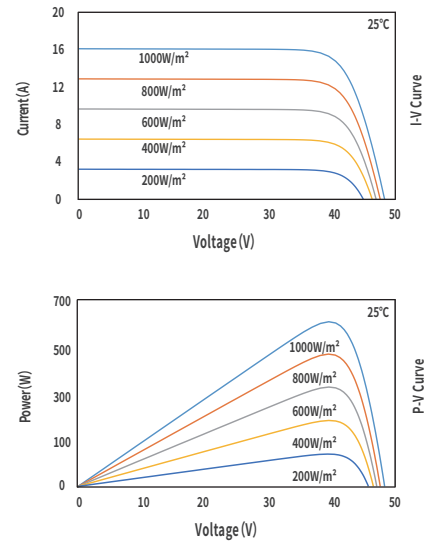
## Leading product and power warranty

**1.00%** 1st-year Degradation **0.40%** Annual Degradation **15** Materials and workmanship warranty **30** Linear power warranty

## Engineering Drawing (mm )



## Characteristic Curves(625W)



## Electrical Parameters (STC \* )

|                                  |           |           |
|----------------------------------|-----------|-----------|
| Nominal Max. Power(Pmax/W) ±3%   | 625       | 630       |
| Open Circuit Voltage(Voc/V) ±3%  | 48.51     | 48.69     |
| Short Circuit Current(Isc/A) ±5% | 16.18     | 16.24     |
| Operating Voltage(Vmp/V)         | 40.64     | 40.81     |
| Operating Current(Imp/A)         | 15.38     | 15.44     |
| Efficiency(%)                    | 23.1      | 23.3      |
| Isc-BSI                          | 19.99 ±5% | 20.06 ±5% |

STC \* : Irradiance = 1000 W/m<sup>2</sup>, Cell Temperature = 25°C, AM = 1.5  
Test condition is based on the front side

## Mechanical Parameters

|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Cell Type       | N Type                                                            |
| Module Size     | 2382 × 1134 × 30mm                                                |
| Glass Thickness | 2.0mm + 2.0mm                                                     |
| Module Weight   | 31.9Kg                                                            |
| Output Cable    | 4mm <sup>2</sup> , cable length +400mm/-200mm (can be customized) |
| Connector       | See note                                                          |
| Junction Box    | IP68, 3 bypass diodes                                             |
| Frame           | Anodized aluminium alloy                                          |

Connector\*: 1.PV-DA01M2-XY / PV-DA02M2-XY (DAS Solar) 2.PV-ZH202B (Zhejiang Zhonghuan)  
3.PV-KST4-EVO2/xy\_UR,PV-KBT4-EVO2/xy\_UR (Staubli)  
4.PV-KST4-EVO2A/xy,PV-KBT4-EVO2A/xy (Staubli)  
5.PV-JK03M2/xy (Plug+Socket) (Jinko)

## Electrical Parameters (NMOT \* )

|                                  |       |       |
|----------------------------------|-------|-------|
| Nominal Max. Power(Pmax/W) ±3%   | 476   | 480   |
| Open Circuit Voltage(Voc/V) ±3%  | 46.45 | 46.62 |
| Short Circuit Current(Isc/A) ±5% | 13.04 | 13.09 |
| Operating Voltage(Vmp/V)         | 38.41 | 38.57 |
| Operating Current(Imp/A)         | 12.40 | 12.45 |

NMOT \*: Irradiance = 800 W/m<sup>2</sup>, Ambient Temperature = 20°C, AM = 1.5,  
Wind Speed = 1 m/s  
Test condition is based on the front side

## Temperature Coefficients

|                            |            |
|----------------------------|------------|
| Short Circuit Current(Isc) | +0.045%/°C |
| Open Circuit Voltage(Voc)  | -0.250%/°C |
| Nominal Max. Power(Pmax)   | -0.280%/°C |
| NMOT                       | 42 ± 2°C   |

## Electrical Parameters (BNPI \* )

|                                  |       |       |
|----------------------------------|-------|-------|
| Nominal Max. Power(Pmax/W) ±3%   | 685   | 690   |
| Open Circuit Voltage(Voc/V) ±3%  | 48.51 | 48.69 |
| Short Circuit Current(Isc/A) ±5% | 17.89 | 17.96 |
| Operating Voltage(Vmp/V)         | 40.64 | 40.81 |
| Operating Current(Imp/A)         | 17.02 | 17.08 |

BNPI \* : front irradiance=1000W/m<sup>2</sup>, rear irradiance=135W/m<sup>2</sup>,  
Cell Temperature = 25°C, AM = 1.5  
Pmax bifaciality coefficient 80 ± 5%, Voc bifaciality coefficient 95 ± 5%  
Isc bifaciality coefficient 80 ± 5%

## Operating Parameters

|                             |                                     |
|-----------------------------|-------------------------------------|
| Max. System Voltage         | DC1500V                             |
| Power Measurement Tolerance | ± 3%                                |
| Module[ T98] max[°C]        | 70                                  |
| Max. Fuse Rated Current     | 30A                                 |
| Fire Safety Class           | Class C                             |
| Test Load                   | Front 5400Pa , Back 2400Pa          |
| Packing Data                | 36 pcs/Pallet; 144(20GP); 720(40HQ) |