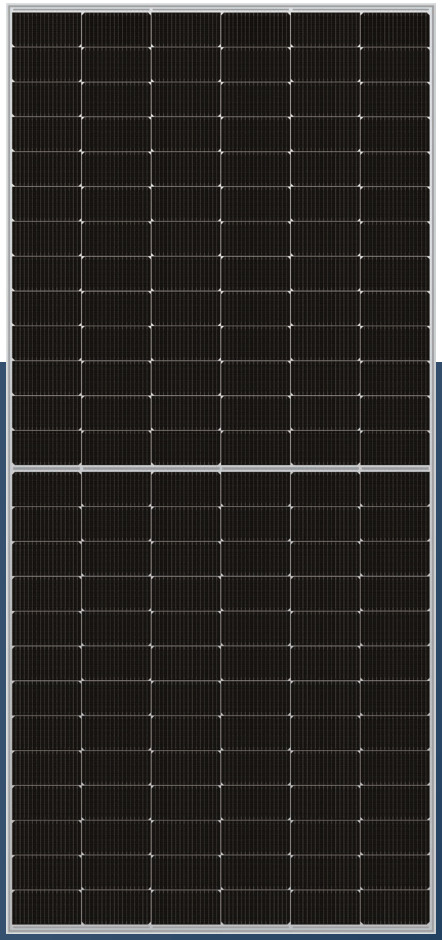
DASOLAR

N Type



## Bifacial Double Glass Module
## DAS-DH156NA

# 625W~635W

| Maximum Power Output | Maximum Module Efficiency | Power Output Tolerance |
|---|---|---|
| 635W | 22.7% | 0~+5W |

## Key Features

**High Efficiency**
Leading module efficiency in industry, up to 22.7%

**Excellent Appearance and Performance**
Bifacial solar cell, symmetrical design, low risk of micro-crack

**High Reliability**
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 BIPV, snow field, vertical installation, high humidity, strong wind and desert region

## Product and Quality Certifications

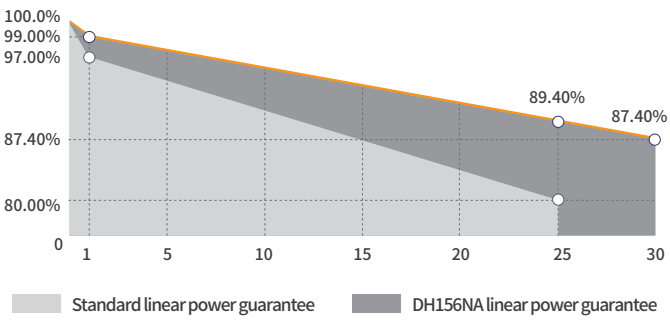
IEC 61215, IEC 61730

ISO 9001：Quality Management System

ISO 14001：Environment Management System

ISO 45001：Occupational Health and Safety Management System

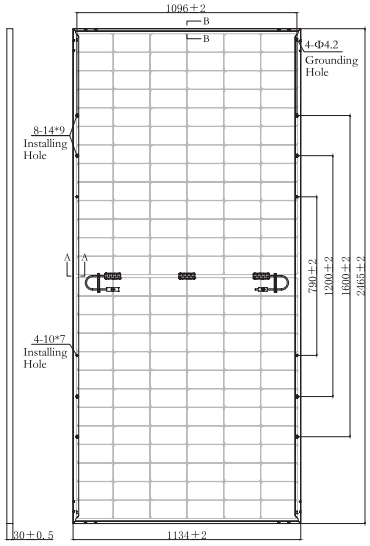
CE

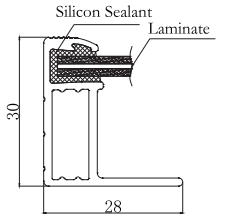



## Leading Product and Power Warranty

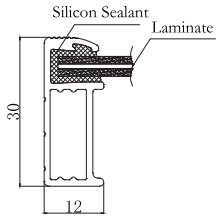
-1.00% 1st-year Degradation -0.40% Annual Degradation 15 Years materials and workmanship warranty 30 Years linear power warranty

## Engineering Drawing (MM )



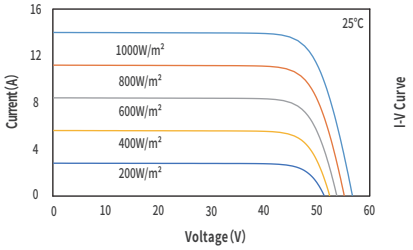



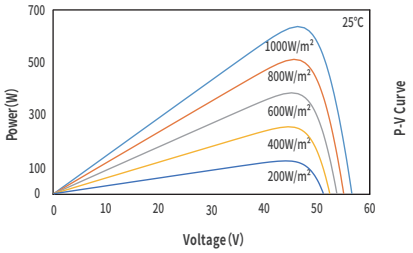

A Long Frame




B Short Frame

## Characteristic Curves(635W)




## Electrical Parameters (STC * )

| | | | |
|---|---|---|---|
| Nominal Max. Power(Pmax/W) | 625 | 630 | 635 |
| Open Circuit Voltage(Voc/V) | 55.74 | 55.88 | 56.01 |
| Short Circuit Current(Isc/A) | 14.27 | 14.35 | 14.42 |
| Operating Voltage(Vmp/V) | 46.09 | 46.26 | 46.42 |
| Operating Current(Imp/A) | 13.56 | 13.62 | 13.68 |
| Efficiency(%) | 22.4 | 22.5 | 22.7 |

STC * : Irradiance = 1000 W/m², Cell Temperature = 25°C, AM = 1.5
Test condition is based on the front side

## Mechanical Parameters

| | |
|---|---|
| Cell Type | N Type |
| Module Size | 2465×1134×30mm |
| Glass Thickness | 2.0mm + 2.0mm |
| Module Weight | 34.3Kg |
| Output Cable | 4mm², 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 2.PV-ZH202B 3.PV-KST4-EVO2/xy_UR,PV-KBT4-EVO2/xy_UR
4.PV-KST4-EVO2A/xy,PV-KBT4-EVO2A/xy
5.PV-JK03M2/xy (Plug+Socket);PV-JK03M2/xy (Plug+Socket)

## Electrical Parameters (NMOT * )

| | | | |
|---|---|---|---|
| Nominal Max. Power(Pmax/W) | 478.0 | 481.0 | 484.0 |
| Open Circuit Voltage(Voc/V) | 52.69 | 52.82 | 52.98 |
| Short Circuit Current(Isc/A) | 11.49 | 11.56 | 11.62 |
| Operating Voltage(Vmp/V) | 45.18 | 45.33 | 45.45 |
| Operating Current(Imp/A) | 10.58 | 10.61 | 10.65 |

NMOT *: Irradiance = 800 W/m², 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) | -0.300%/°C |
| NMOT | 42±2°C |

Fire Safety Class: Class C

## Electrical Parameters (BNPI * )

| | | | |
|---|---|---|---|
| Nominal Max. Power(Pmax/W) | 685 | 690 | 695 |
| Open Circuit Voltage(Voc/V) | 56.01 | 56.16 | 56.31 |
| Short Circuit Current(Isc/A) | 15.82 | 15.91 | 16.00 |
| Operating Voltage(Vmp/V) | 46.08 | 46.18 | 46.28 |
| Operating Current(Imp/A) | 14.96 | 15.03 | 15.10 |

BNPI * : front irradiance=1000W/m², rear irradiance=135W/m²,
Cell Temperature = 25°C, AM = 1.5
Pmax bifaciality coefficient 80±10%, Voc bifaciality coefficient 95±5%
Isc bifaciality coefficient 80±10%

## Operating Parameters

| | |
|---|---|
| Max. System Voltage | DC1500V |
| Power Measurement Tolerance | ±3% |
| Operating Temperature | -40°C ~ +85°C |
| Max. Fuse Rated Current | 30A |
| Fire Safety Class | Class C |
| Static Load | Front 5400Pa , Back 2400Pa |
| Packing Data | 36 pcs/Pallet; 144(20GP); 576(40HQ) |

DASOLAR
www.das-solar.com

Made In China
Version number:2024.07.24



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