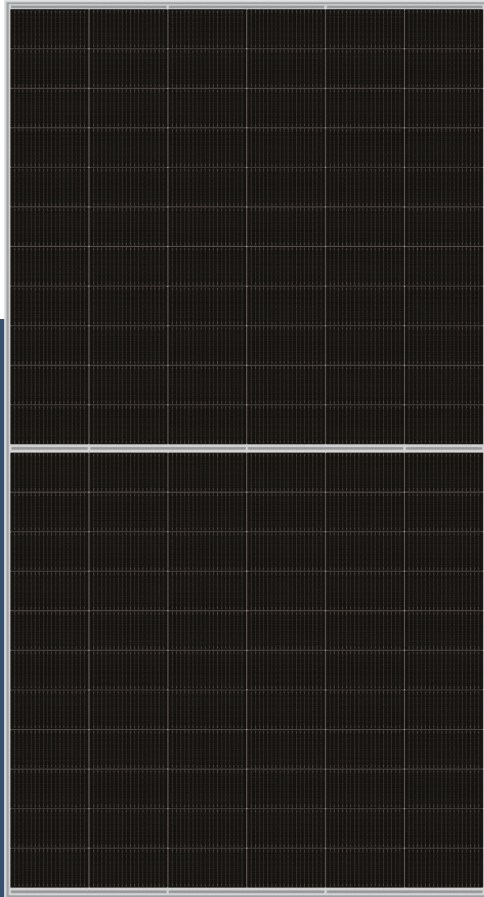


## Bifacial Double Glass Module DAS-DH132NC

# 695W~720W



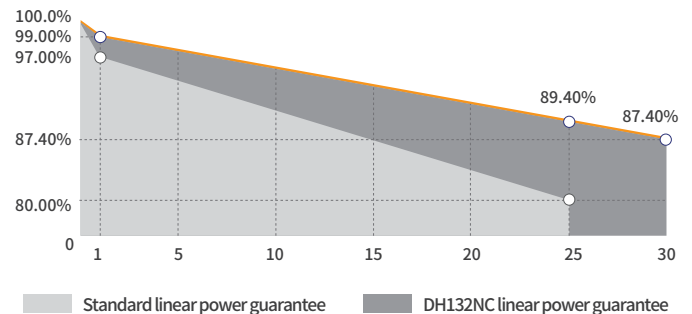
### Key Features

- High Efficiency**  
 Leading module efficiency in industry, up to 23.2%
- 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 BIPV, snow field, vertical installation, high humidity, strong wind and desert region

Maximum Power Output	Maximum Module Efficiency	Power Output Tolerance
<b>720W</b>	<b>23.2%</b>	<b>0~+5W</b>

### Product and Quality Certifications

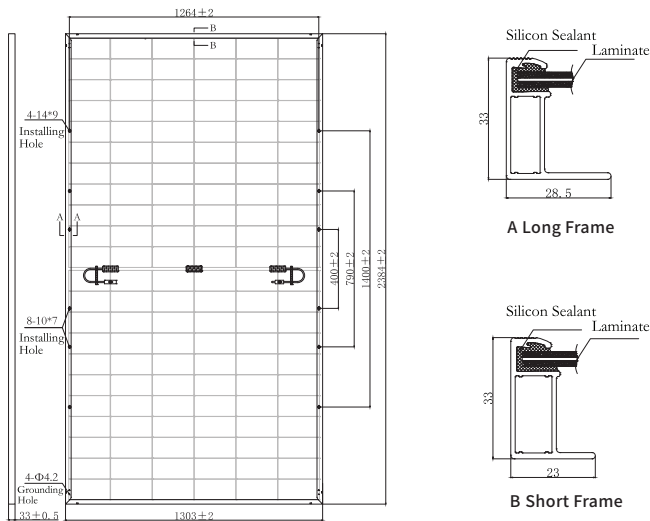
- IEC 61215, IEC 61730
- ISO 9001: Quality Management System
- ISO 14001: Environment Management System
- ISO 45001: Occupational Health and Safety Management System
- IEC 62716, IEC 61701: Ammonia, Salt mist corrosion test
- IEC TS 62804-1, IEC 60068-2-68: PID test, Dust and Sand test



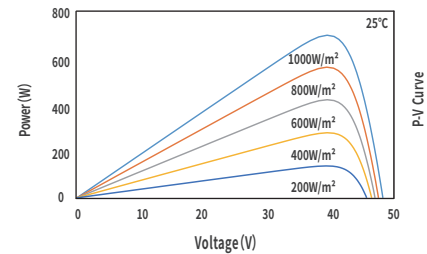
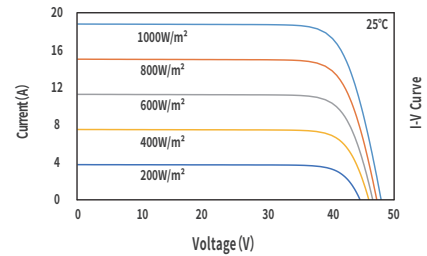
### Leading product and power warranty

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

## Engineering Drawing (mm)



## Characteristic Curves(705W)



## Electrical Parameters (STC \*)

Nominal Max. Power(Pmax/W)	695	700	705	710	715	720
Open Circuit Voltage(Voc/V)	48.32	48.52	48.72	48.92	49.08	49.24
Short Circuit Current(Isc/A)	18.30	18.34	18.38	18.42	18.47	18.52
Operating Voltage(Vmp/V)	40.23	40.42	40.62	40.81	40.98	41.15
Operating Current(Imp/A)	17.28	17.32	17.36	17.40	17.45	17.50
Efficiency(%)	22.4	22.5	22.7	22.9	23.0	23.2

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	2384 × 1303 × 33mm
Glass Thickness	2.0mm + 2.0mm
Module Weight	37.1Kg
Output Cable	4mm <sup>2</sup> , cable length +400mm/-200mm (can be customized)
Connector	PV-DA02M2-XY (or customized)
Junction Box	IP68, 3 bypass diodes
Frame	Anodized aluminium alloy

## Electrical Parameters (NMOT \*)

Nominal Max. Power(Pmax/W)	526	530	533	537	541	545
Open Circuit Voltage(Voc/V)	35.6	35.8	36.0	36.2	36.3	36.5
Short Circuit Current(Isc/A)	14.75	14.79	14.82	14.85	14.89	14.93
Operating Voltage(Vmp/V)	38.5	38.6	38.8	39.0	39.2	39.3
Operating Current(Imp/A)	13.93	13.96	14.00	14.03	14.07	14.11

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

## Backside Power Gain (For 705W)

Power Gain	10%	15%	20%	25%	30%
Nominal Max. Power(Pmax/W)	775.5	810.8	846.0	881.3	916.5
Open Circuit Voltage(Voc/V)	48.72	48.72	48.82	48.82	48.82
Short Circuit Current(Isc/A)	20.22	21.14	22.06	22.98	23.89
Operating Voltage(Vmp/V)	40.62	40.62	40.72	40.72	40.72
Operating Current(Imp/A)	19.09	19.96	20.78	21.64	22.51

## Operating Parameters

Max. System Voltage	DC1500V
Power Tolerance	0 ~ +5 W
Operating Temperature	-40°C ~ +85°C
Max. Fuse Rated Current	35A
Static Load	Front 5400Pa, Back 2400Pa
Packing Data	33 pcs/Pallet; 594(40HQ)