

## N-TOPCon Technology

CHGMN66D3

N-type Mono High Efficiency  
Double Glass Bifacial PV Module

# 695-720W

**720W**

Maximum  
Power Output

**23.2%**

Maximum  
Module Efficiency

**0~+5W**

Positive power  
tolerance



### Excellent Power Output

Adopting large-sized, highly efficient cell technology and leading manufacturing processes to effectively enhanced product power



### Excellent Temperature Coefficient

The product has excellent temperature coefficient, outstanding outdoor power generation performance and longer lifespan



### Ultra-multi-busbar Technology

Better light utilization and current collection capability, effectively improving product power output and reliability



### No LeTID/LID

While achieving efficiency gains in N-type photovoltaic cells, virtually no LID loss



### Excellent Irradiance Response

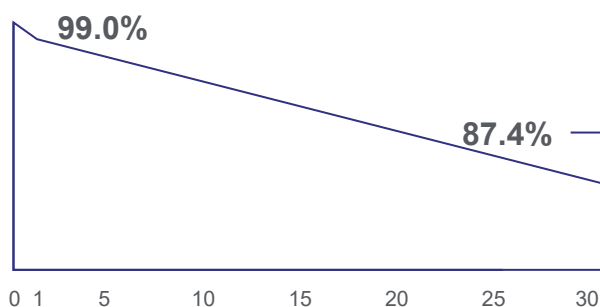
Superior weak-light power generation performance in environments such as early morning, evening, and cloudy conditions.



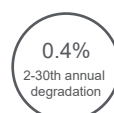
### High Profitability

Effectively reducing the system's BOS costs, achieving lower cost of electricity, and increasing project return

CHGMN66D3 Linear performance warranty



IEC61215(2016), IEC61730(2016)  
ISO14001: 2015 Environment Management System  
ISO9001: 2015: Quality Management System  
ISO45001: 2018: Occupational health and safety management systems



### Electrical Properties | STC\*

Peak Power (Pmax/W)	695	700	705	710	715	720
MPP Voltage (Vmp/V)	40.55	40.67	40.81	40.92	41.04	41.17
MPP Current (Imp/A)	17.14	17.21	17.28	17.35	17.42	17.49
Open Circuit Voltage (Voc/V)	48.44	48.64	48.84	49.04	49.24	49.44
Short Circuit Current (Isc/A)	18.16	18.23	18.30	18.37	18.44	18.51
Module Efficiency (%)	22.4	22.5	22.7	22.9	23.0	23.2

\*STC (Standard Test Conditions): Irradiance 1000 W/m<sup>2</sup>, cell Temperature 25°C, AM 1.5

### Mechanical Properties

Cell Type	n-type half cell
Number of Cells	132pcs(2*66)
Module Dimension	2384mm*1303mm*33mm
Weight	37.7kg
Front / Rear Glass	2.0mm/2.0mm
Frame	Anodized Aluminum Alloy
Junction Box	IP68
Output cables	4.0mm <sup>2</sup> , +300mm/-200mm or Customized Length

### Temperature Coefficient

Temperature coefficients of Pmax	-0.29% / °C
Temperature coefficients of Voc	-0.25% / °C
Temperature coefficients of Isc	+0.045% / °C
Nominal Module Operating Temperature	42±2 °C

### Operating Properties

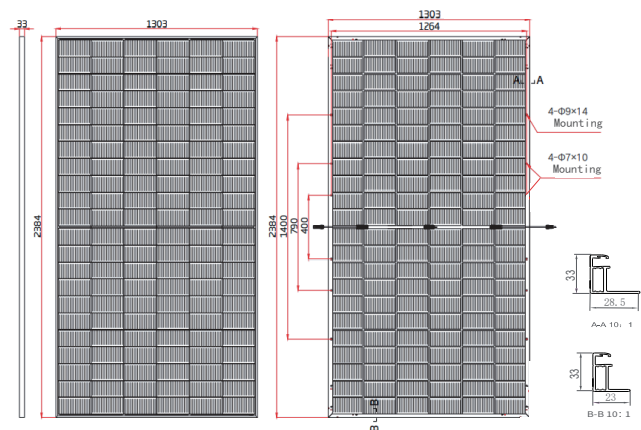
Operating Temperature (°C)	-40°C~+85°C
Maximum System Voltage (V)	1500V DC (IEC)
Maximum Series Fuse Rating (A)	35A
Power Tolerance	0~+5W
Bifaciality	80%±5%
Static load	Snow load 5400Pa, Wind load 2400Pa
Packaging Configuration	33pcs/pallet,594pcs/40HQ

### Electrical Properties | BNPI\*

Peak Power (Pmax/W)	770	776	781	787	792	798
MPP Voltage (Vmp/V)	40.57	40.67	40.82	40.93	41.06	41.18
MPP Current (Imp/A)	18.98	19.08	19.13	19.23	19.29	19.38
Open Circuit Voltage (Voc/V)	48.46	48.66	48.86	49.06	49.26	49.46
Short Circuit Current (Isc/A)	20.12	20.20	20.28	20.35	20.43	20.51

\*BNPI: Irradiance: front 1000w/m<sup>2</sup>, rear 135W/m<sup>2</sup>, Cell Temperature 25°C, AM=1.5

### Engineering Drawings (unit: mm)



For specific dimensions and tolerance ranges, please refer to the corresponding component drawings.

### Characteristic Curves: CHGMN66D3

