

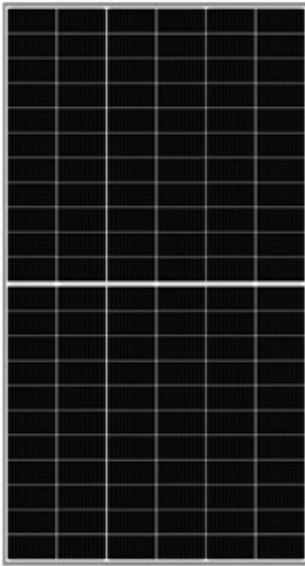
HT66-210(ND)-F

Double Glass TOPCon PV Module

HIGH High power

HT66-210(ND)-F

695W/700W/705W/710W/715W



- Module Efficiency: 23.0%
- No. of Cells 132(6×22)
- Weight 38.5(±0.5)kg
- Dimensions 2384×1303×35mm
- Bifaciality 80(±5)%
- For Australia market



MULTIWAY+

Shanghai Aerospace Automobile Electromechanical Co., Ltd.
 Website: www.ht-saae.com.au
 Address: 222 Caoxi Rd, the 8th Floor of Spaceflight Building, Shanghai P.R. China

Made in China



Half cut cell technology can reduce the internal power loss and improve module overall power. Excellent heat dissipation avoids hot spot production.

TOPCon

Double glass, The optimized number and width of main gate lines, Maximize the light receiving area of modules and Reduce module power consumption.



Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs.

15/30Ys

Product warranty
 15Yrs for ground mounted
 30Yrs for rooftop

30Ys

Warranty on power output

EL

Microcrack resistant Double glass structure enhance reliability, double EL tested of high quality control.



Entire module certified to with stand extreme wind(2400 Pa) and snow loads (5400 Pa)



All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

0~+3%

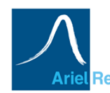
Power sorting tolerance
 0~+3% guaranteed

Anti PID

PID resistant
 (available on request)

Comprehensive and first-rate certification system

IEC 61215:2021, IEC 61730:2023 Latest Standard SA 8000, ISO 9001, ISO 14001 and ISO 45001 meeting the highest international standards Strict quality control



HT66-210(ND)-F-695W/700W/705W/710W/715W

Electrical Characteristics (STC)

Module Type	HT66-210(ND)-F				
Maximum Power(Pmax)	695W	700W	705W	710W	715W
Open Circuit Voltage(Voc)	47.6V	47.8V	48.0V	48.2V	48.4V
Short Circuit Current(Isc)	18.33A	18.37A	18.41A	18.45A	18.49A
Maximum Power Voltage(Vmp)	40.7V	40.9V	41.1V	41.3V	41.5V
Maximum Power Current(Imp)	17.08A	17.12A	17.16A	17.20A	17.24A
Module Efficiency	22.4%	22.5%	22.7%	22.9%	23.0%
Power/Voc/Isc Measurement Tolerances	±3%/±5%/±5%				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	35A				
Operating Temperature	-40°C to +85°C				

* STC: AM 1.5, Irradiance 1000W/m², module temperature 25°C

Electrical Characteristics (NMOT)

Module Type	HT66-210(ND)-F				
Maximum Power(Pmax)	528W	532W	536W	540W	544W
Open Circuit Voltage(Voc)	45.7V	45.9V	46.1V	46.3V	46.5V
Short Circuit Current(Isc)	14.77A	14.80A	14.84A	14.87A	14.90A
Maximum Power Voltage(Vmp)	39.1V	39.3V	39.5V	39.6V	39.8V
Maximum Power Current(Imp)	13.50A	13.54A	13.57A	13.64A	13.67A

* NMOT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

Bifacial NamePlate Irradiance(BNPI)

Module Type	HT66-210(ND)-F				
Maximum Power(Pmax)	765W	770W	776W	781W	787W
Open Circuit Voltage(Voc)	47.6V	47.8V	48.0V	48.2V	48.4V
Short Circuit Current(Isc)	20.16A	20.21A	20.25A	20.3A	20.34A
Maximum Power Voltage(Vmp)	40.7V	40.9V	41.1V	41.3V	41.5V
Maximum Power Current(Imp)	18.79A	18.83A	18.88A	18.91A	18.96A

* BNPI:front 1000W/m²,rear 135W/m²

Nominal Module Operating Temperature(NMOT) 43±2°C

Temperature Coefficient of Pmax γ (Pm) -0.31%/°C

Temperature Coefficient of Voc β (Voc) -0.25%/°C

Temperature Coefficient of Isc α (Isc) 0.046%/°C

Solar Cells Monocrystalline

No. of Cells 132 (6×22)

Dimensions 2384×1303×35mm

Weight 38.5(±0.5)kg

Glass (Front /Back) High transmission coated tempered glass/Heat strengthened glass

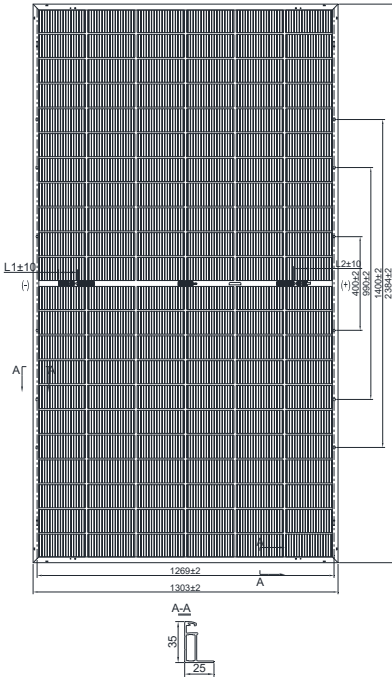
Frame Anodized aluminum alloy

Junction Box/Connectors IP68/PV-HT005-1
Shanghai Aerospace Automobile Electromechanical Co., Ltd.

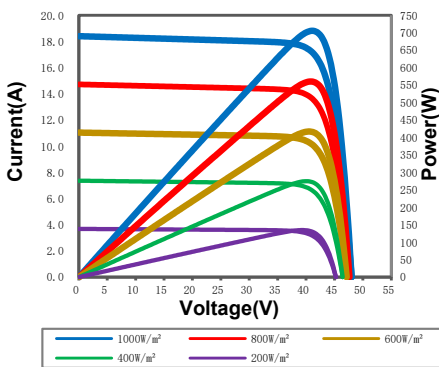
Cable 4mm² (IEC) Length: (+) 400mm, (-) 300mm or customized

Fire Rating Class C

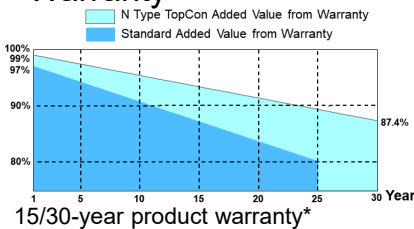
Packaging Configuration 31 pcs/box: 558 pcs/ 40' HQ Container



IV Curves



Warranty



15/30-year product warranty*

30-year warranty on power output*

* Specific information is referred to the product quality guarantee

*The module recycling should be carried out by the professional institutions at the end of module life cycle

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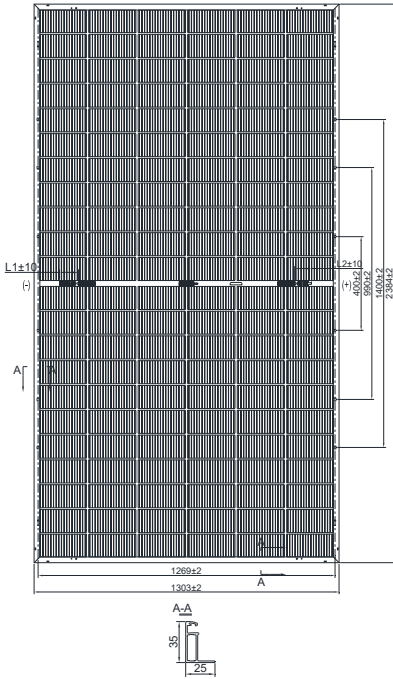
Bifacial output-rearside power gain

5%	Maximum Power(Pmax)	730W	735W	740W	746W	751W
	Module Efficiency	23.5%	23.7%	23.8%	24.0%	24.2%
15%	Maximum Power(Pmax)	799W	805W	811W	817W	822W
	Module Efficiency	25.7%	25.9%	26.1%	26.3%	26.5%
25%	Maximum Power(Pmax)	869W	875W	881W	888W	894W
	Module Efficiency	28.0%	28.2%	28.4%	28.6%	28.8%

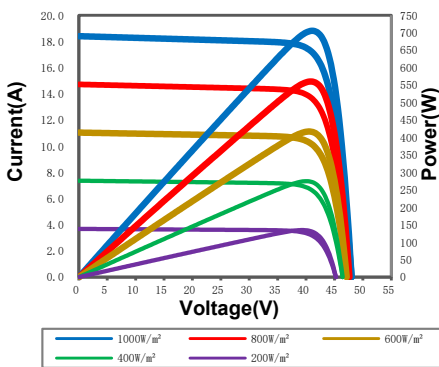
Bifaciality coefficient

φVoc	98 (±5) %
φIsc	80 (±5) %
φPmax	80 (±5) %

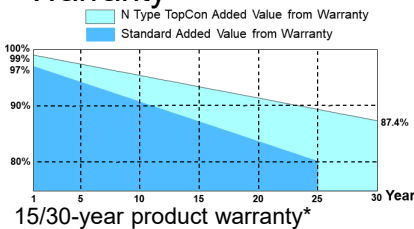
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