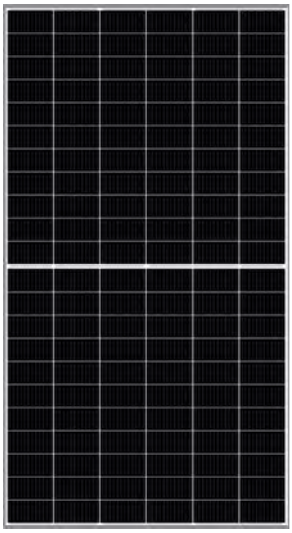
MULTIWAY+

Reliable State - owned Enterprise Deliver Solar Power since 1960s

HT66-210

NEW Large wafer

680W/685W
690W/695W/700W



- Module Efficiency: 22.5%
- No. of Cells 132(6×22)
- Weight 33.5kg
- Dimensions 2384×1303×35mm
- Monocrystalline 210×105mm

Shanghai Aerospace Automobile Electromechanical Co., Ltd.
Website：www.ht-saae.com
E-mail：pvmarketing@ht-saae.com

Factory:
Lianyungang Shenzhou New Energy CO., Ltd.
Turkey HT Solar Energy Joint Stock Company

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

The optimized number and width of main gate lines, Maximize the light receiving area of components and Reduce component power consumption.

12Ys
Products warranty

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

25Ys
Warranty on power output

2%
All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

EL
Microcrack resistant enhance reliability, triple EL tested of high quality control.

5W
Positive tolerance 0/+5w guaranteed

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

Anti **PID**
PID resistant

Comprehensive and first-rate certification system

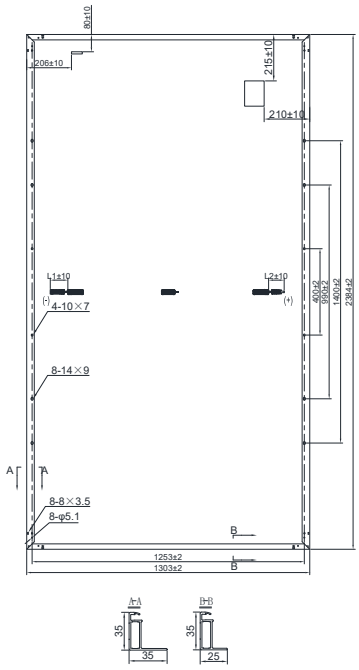
IEC 61215:2016. IEC 61730:2016 Latest Standard
ISO 9001，ISO 14001 and ISO 45001, meeting the highest international standards
Strict quality control

MULTIWAY+

Better Choice For Higher Efficiency!

HT66-210

680W/685W/690W/695W/700W



Electrical Characteristics (STC)

Module Type	HT66-210				
Maximum Power(Pmax)	680W	685W	690W	695W	700W
Open Circuit Voltage(Voc)	49.2V	49.4V	49.6V	49.8V	50.0V
Short Circuit Current(Isc)	17.18A	17.20A	17.22A	17.24A	17.26A
Maximum Power Voltage(Vmp)	42.1V	42.3V	42.6V	42.8V	43.0V
Maximum Power Current(Imp)	16.16A	16.19A	16.22A	16.25A	16.28A
Module Efficiency	21.9%	22.1%	22.2%	22.4%	22.5%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	30A				
Operating Temperature	-40℃ to +85℃				

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

Electrical Characteristics (NMOT)

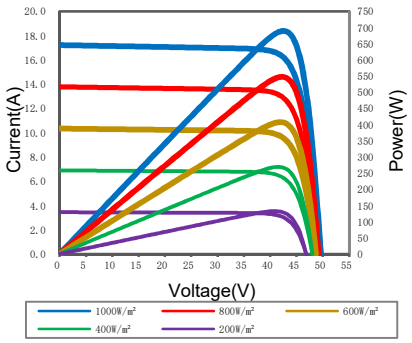
Module Type	HT66-210				
Maximum Power(Pmax)	520W	524W	528W	532W	536W
Open Circuit Voltage(Voc)	47.3V	47.4V	47.6V	47.8V	48.0V
Short Circuit Current(Isc)	13.86A	13.88A	13.89A	13.91A	13.92A
Maximum Power Voltage(Vmp)	40.4V	40.6V	40.9V	41.1V	41.3V
Maximum Power Current(Imp)	12.87A	12.91A	12.91A	12.94A	12.98A

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

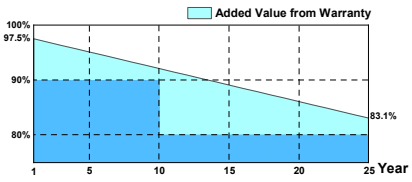
Nominal Module Operating Temperature(NMOT)		45±2℃
Temperature Coefficient of Pmax	γ (Pm)	-0.24%/℃
Temperature Coefficient of Voc	β (Voc)	-0.22%/℃
Temperature Coefficient of Isc	α (Isc)	0.047%/℃

Solar Cells	Monocrystalline 210 × 105mm
No. of Cells	132 (6×22)
Dimensions	2384mm×1303mm×35mm
Weight	33.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Cable	4mm²(IEC) Length: (+) 400mm, (-) 300mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	31 pcs/box: 558 pcs/ 40' HQ Container

- IV Curves



- Warranty



12-year product warranty*

25-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