

# HT66-210

Shanghai Aerospace Automobile  
Electromechanical Co., Ltd.  
Website : www.ht-saae.com.au


**NEW** Large wafer

**650W/655W**  
**660W/665W/670W**


Factory:  
Lianyungang Shenzhou New Energy CO., Ltd.



- Module Efficiency: 21.6%
- No. of Cells 132(6×22)
- Weight 33.5kg
- Dimensions 2384×1303×35mm
- Monocrystalline 210×105mm




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



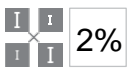
The optimized number and width of main gate lines, Maximize the light receiving area of components and Reduce component power consumption.

**25Ys**  
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 , 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**

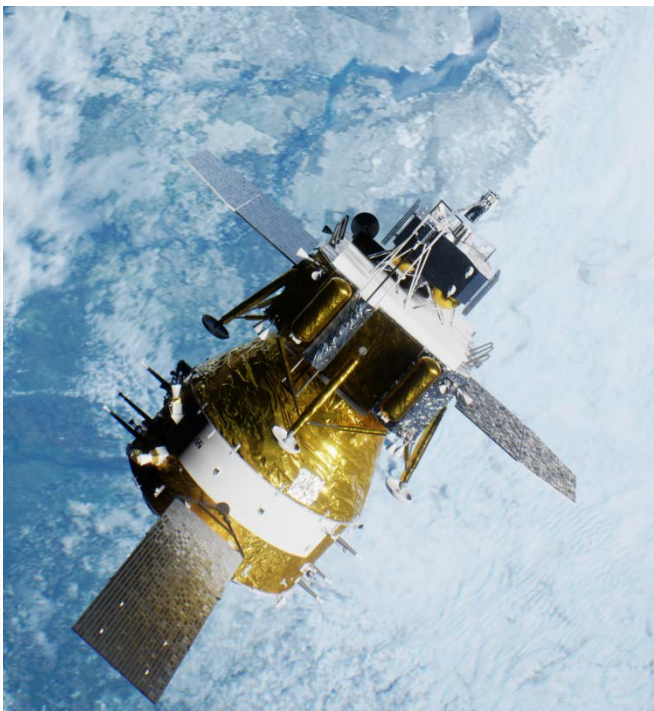
PID resistant

**Comprehensive and first-rate certification system**

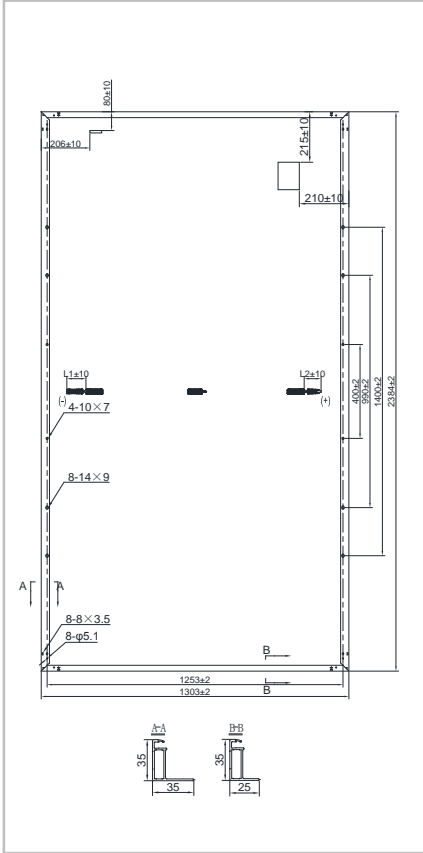
IEC 61215:2016, IEC 61730:2016 Latest Standard  
ISO 9001 , ISO 14001 and ISO 45001,  
meeting the highest international standards  
Strict quality control



MULTIWAY+



## 650W/655W/660W/665W/670W



### Electrical Characteristics (STC)

Module Type	HT66-210				
Maximum Power(Pmax)	650W	655W	660W	665W	670W
Open Circuit Voltage(Voc)	45.0V	45.2V	45.4V	45.6V	45.8V
Short Circuit Current(Isc)	18.39A	18.43A	18.47A	18.51A	18.55A
Maximum Power Voltage(Vmp)	37.9V	38.1V	38.3V	38.5V	38.7V
Maximum Power Current(Imp)	17.16A	17.20A	17.24A	17.28A	17.32A
Module Efficiency	20.9%	21.1%	21.2%	21.4%	21.6%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	30A				
Operating Temperature	-40°C to +85°C				

\* STC : AM 1.5, Irradiance 1000W/m<sup>2</sup>, module temperature 25°C

### Electrical Characteristics (NMOT)

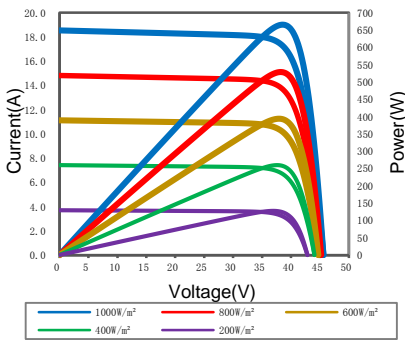
Module Type	HT66-210				
Maximum Power(Pmax)	493W	496W	500W	504W	508W
Open Circuit Voltage(Voc)	43.1V	43.3V	43.5V	43.7V	43.9V
Short Circuit Current(Isc)	14.81A	14.84A	14.88A	14.91A	14.94A
Maximum Power Voltage(Vmp)	36.3V	36.5V	36.7V	36.9V	37.1V
Maximum Power Current(Imp)	13.58A	13.59A	13.62A	13.66A	13.69A

\* NMOT : Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

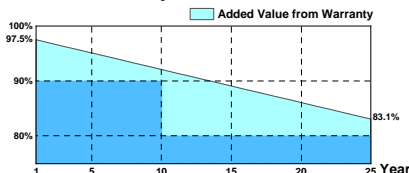
Nominal Module Operating Temperature(NMOT)	43±2°C	
Temperature Coefficient of Pmax	γ (Pm)	-0.33%/°C
Temperature Coefficient of Voc	β (Voc)	-0.26%/°C
Temperature Coefficient of Isc	α (Isc)	0.042%/°C

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	4mm <sup>2</sup> (IEC) Length: (+) 400mm, (-) 300mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	31 pcs/box : 558 pcs/ 40' HQ Container

### IV Curves



### Warranty



25-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

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