

# HT66-210

Shanghai Aerospace Automobile Electromechanical Co., Ltd.

Website : www.ht-saae.com.au

Address: 222 Caoxi Rd, the 8th Floor of Spaceflight

Made in China

**NEW**

Large wafer

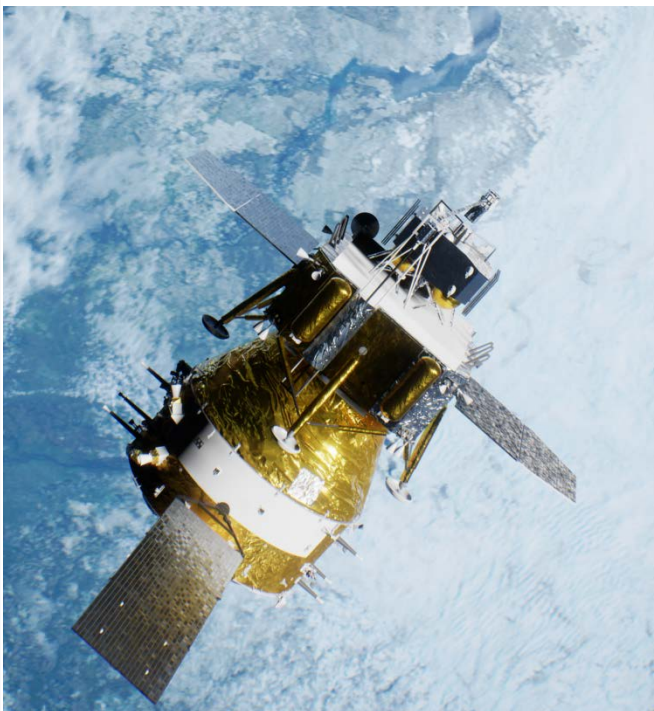
**650W/655W**

**660W/665W/670W**



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

MULTIWAY+



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.



1500V

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

**25Ys**

Products warranty

**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



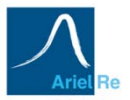
Entire module certified to with stand extreme wind(2400 Pa) and snow loads (5400 Pa)

**Anti PID**

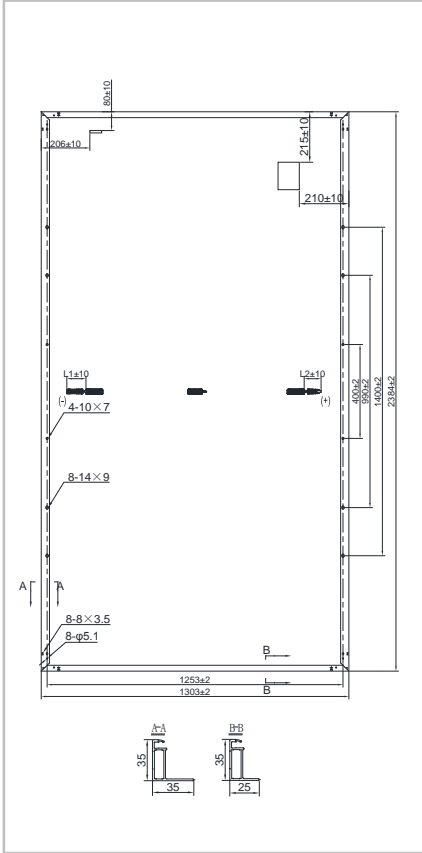
PID resistant **Optional**

**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



## 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%
Tolerance	Pmax ±3% Voc ±5% Isc ±5%				
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)

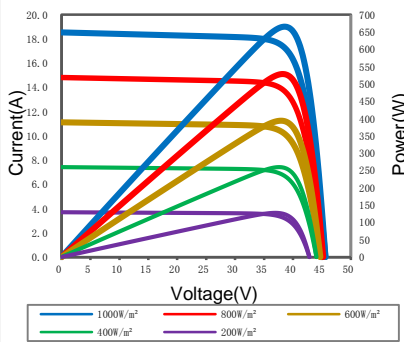
Module Type	HT66-210				
Maximum Power(Pmax)	493W	496W	500W	504W	508W
Open Circuit Voltage(Voc)	43.1V	43.3V	43.5V	43.7V	43.9V
Short Circuit Current(Isc)	14.81A	14.84A	14.88A	14.91A	14.94A
Maximum Power Voltage(Vmp)	36.3V	36.5V	36.7V	36.9V	37.1V
Maximum Power Current(Imp)	13.58A	13.59A	13.62A	13.66A	13.69A

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

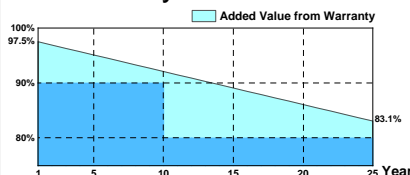
Nominal Module Operating Temperature(NMOT)	43±2°C	
Temperature Coefficient of Pmax	γ (Pm)	-0.33%/°C
Temperature Coefficient of Voc	β (Voc)	-0.26%/°C
Temperature Coefficient of Isc	α (Isc)	0.042%/°C

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 / Connectors	IP68 / PV-HT005-01(HT-saae)
Cable	4mm <sup>2</sup> (IEC) Length: (+) 400mm, (-) 300mm
Fire Rating	Class C
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

\*Copyright@2022V2 Specifications are subject to change without further notification