

HT60-210

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

590W/595W
600W/605W/610W



- Module Efficiency: 21.6%
- No. of Cells 120(6×20)
- Weight 30.5kg
- Dimensions 2172×1303×35mm
- 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

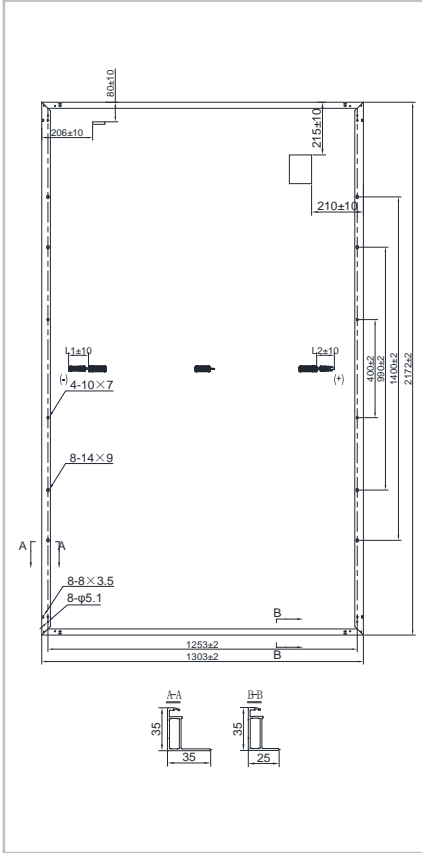
PID resistant **Optional**

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



590W/595W/600W/605W/610W



Electrical Characteristics (STC)

Module Type	HT60-210				
Maximum Power(Pmax)	590W	595W	600W	605W	610W
Open Circuit Voltage(Voc)	40.9V	41.1V	41.3V	41.5V	41.7V
Short Circuit Current(Isc)	18.37A	18.42A	18.47A	18.52A	18.57A
Maximum Power Voltage(Vmp)	34.5V	34.7V	34.9V	35.1V	35.3V
Maximum Power Current(Imp)	17.11A	17.15A	17.20A	17.25A	17.29A
Module Efficiency	20.8%	21.0%	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/m², module temperature 25°C

Electrical Characteristics (NMOT)

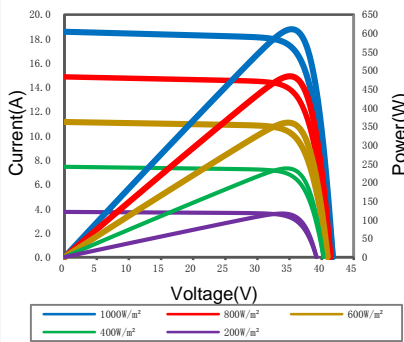
Module Type	HT60-210				
Maximum Power(Pmax)	447W	451W	455W	458W	462W
Open Circuit Voltage(Voc)	39.2V	39.4V	39.6V	39.8V	40.0V
Short Circuit Current(Isc)	14.79A	14.84A	14.88A	14.92A	14.96A
Maximum Power Voltage(Vmp)	33.1V	33.3V	33.4V	33.6V	33.8V
Maximum Power Current(Imp)	13.50A	13.54A	13.62A	13.63A	13.67A

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

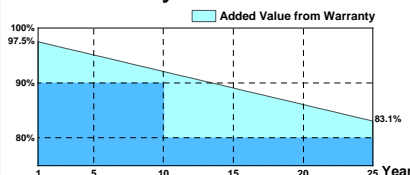
Nominal Module Operating Temperature(NMOT)	43±2°C	
Temperature Coefficient of Pmax	γ (Pm)	-0.33%/°C
Temperature Coefficient of Voc	β (Voc)	-0.26%/°C
Temperature Coefficient of Isc	α (Isc)	0.042%/°C

Solar Cells	Monocrystalline 210 × 105mm
No. of Cells	120 (6×20)
Dimensions	2172mm×1303mm×35mm
Weight	30.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminum alloy
Junction Box / Connectors	IP68 / PV-HT005-01(HT-saae)
Cable	4mm ² (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

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