

HT66-210(PD)-F

NEW

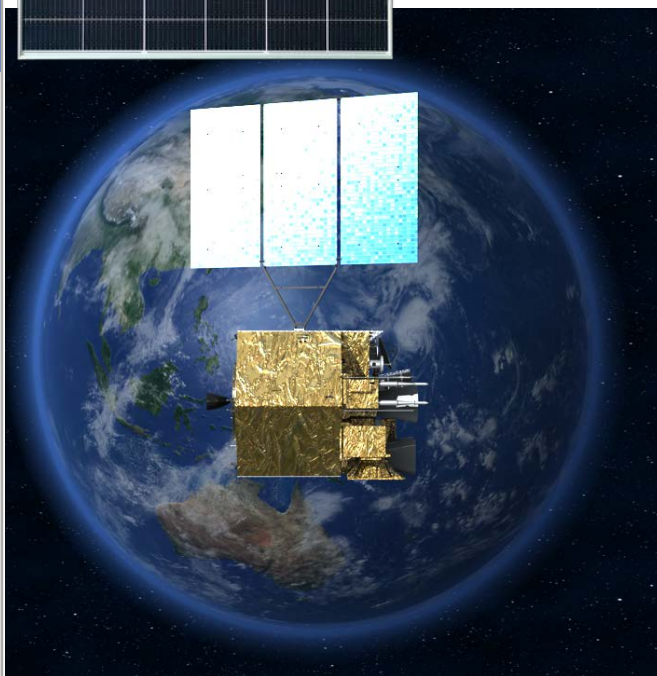
Large wafer

645W/650W
655W/660W/665W



- Module Efficiency: 21.4%
- No. of Cells 132(6×22)
- Weight 38.0kg
- Dimensions 2384×1303×35mm
- Monocrystalline 210×105mm

MULTIWAY+



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.



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

12Ys

Products warranty

30Ys

Warranty on power output

EL

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



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

5W

Positive tolerance 0/+5w guaranteed



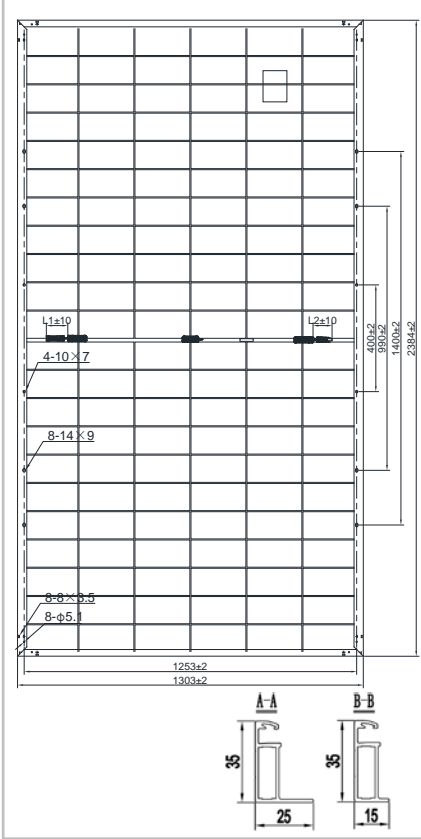
Entire module certified to with stand extreme wind(2400 Pa) and snow loads (5400 Pa)

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



Electrical Characteristics (STC)

Module Type	HT66-210(PD)-F				
Maximum Power(Pmax)	645W	650W	655W	660W	665W
Open Circuit Voltage(Voc)	44.8V	45.0V	45.2V	45.4V	45.6V
Short Circuit Current(Isc)	18.35A	18.39A	18.43A	18.47A	18.51A
Maximum Power Voltage(Vmp)	37.7V	37.9V	38.1V	38.3V	38.5V
Maximum Power Current(Imp)	17.11A	17.16A	17.20A	17.24A	17.28A
Module Efficiency	20.8%	20.9%	21.1%	21.2%	21.4%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	35A				
Operating Temperature	-40°C to +85°C				

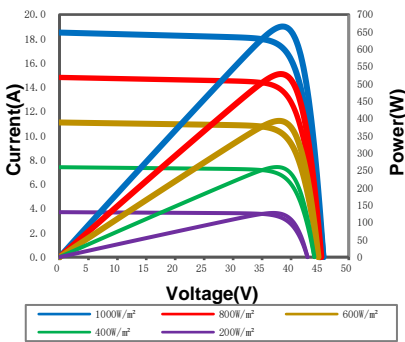
* STC: AM 1.5, Irradiance 1000W/m², module temperature 25°C

Electrical Characteristics (NMOT)

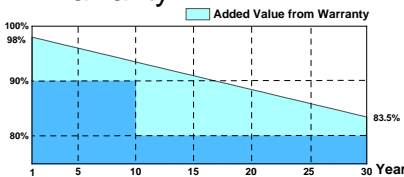
Module Type	HT66-210(PD)-F				
Maximum Power(Pmax)	489W	493W	496W	500W	504W
Open Circuit Voltage(Voc)	42.9V	43.1V	43.3V	43.5V	43.7V
Short Circuit Current(Isc)	14.78A	14.81A	14.84A	14.88A	14.91A
Maximum Power Voltage(Vmp)	36.1V	36.3V	36.5V	36.7V	36.9V
Maximum Power Current(Imp)	13.55A	13.58A	13.59A	13.62A	13.66A

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

IV Curves



Warranty



12-year product warranty*

30-year warranty on power output*

* Specific information is referred to the product quality guarantee

Nominal Module Operating Temperature(NMOT)	43±2°C	
Temperature Coefficient of Pmax	γ (Pm)	-0.33%/K
Temperature Coefficient of Voc	β (Voc)	-0.26%/K
Temperature Coefficient of Isc	α (Isc)	0.042%/K
Solar Cells	Monocrystalline 210× 105mm	
No. of Cells	132 (6×22)	
Dimensions	2384mm×1303mm×35mm	
Weight	38.0kg	
Front Glass	High transmission tempered glass	
Frame	Anodized aluminum alloy	
Junction Box	IP68	
Cable	4mm ² (IEC) Length: (+) 400mm, (-) 300mm	
Connectors	MC4 / MC4 Compatible	
Packaging Configuration	31 pcs/box: 558 pcs/ 40' HQ Container	

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

*Copyright©2022V1 Plus Specifications are subject to change without further notification