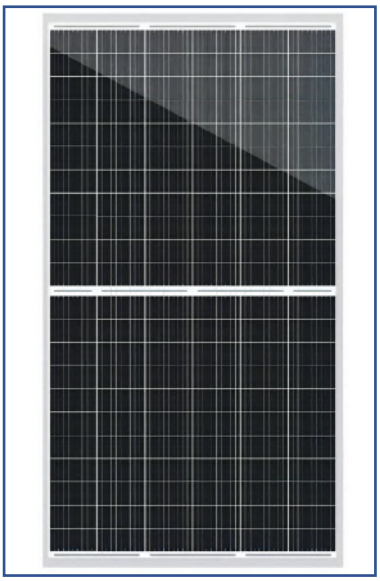
Reliable State - owned Enterprise Deliver Solar Power since 1960s

HT66-18X

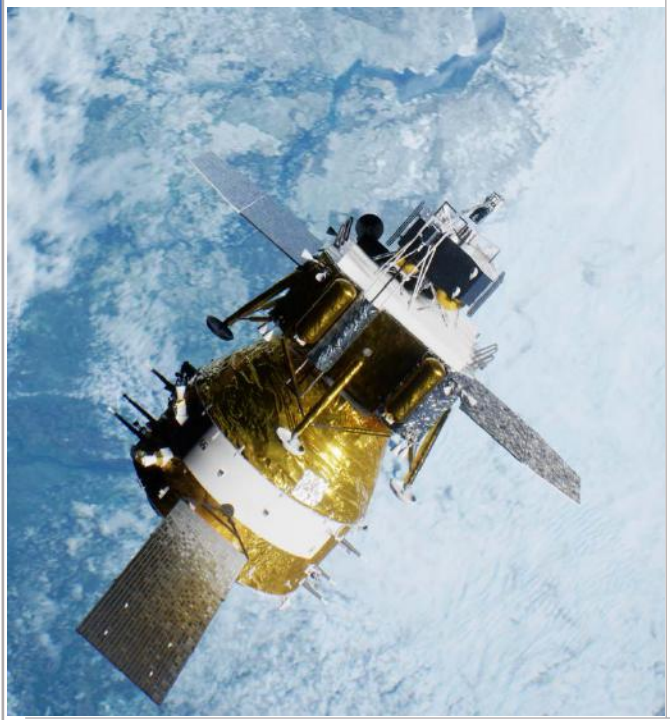
NEW Large wafer

495W/500W
505W/510W/515W

MULTIWAY+



- Module Efficiency: 21.7%
- No. of Cells 132(6×22)
- Weight 25.0kg
- Dimensions 2094mm×1134mm ×30mm
- monocrystalline 182×91mm



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.

12Ys
Products warranty

25Ys
Warranty on power output

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

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

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

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

5W
Positive tolerance 0/+5w guaranteed

Anti PID
PID resistant

Comprehensive and first-rate certification system

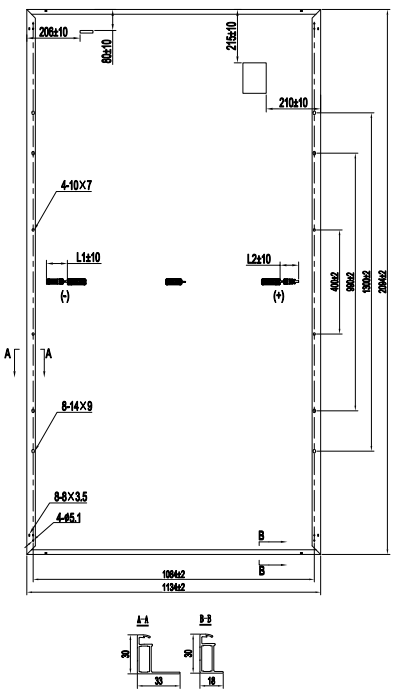
IEC 61215:2016. IEC 61730:2016 Latest Standard
ISO 9001, ISO 14001 and ISO 45001, meeting the highest international standards
Strict quality control

MULTIWAY+

Better Choice For Higher Efficiency!

HT66-18X

495W/500W/505W/510W/515W



Electrical Characteristics (STC)

Module Type	HT66-18X				
Maximum Power(Pmax)	495W	500W	505W	510W	515W
Open Circuit Voltage(Voc)	45.40V	45.55V	45.70V	45.85V	46.00V
Short Circuit Current(Isc)	13.86A	13.93A	13.99A	14.06A	14.13A
Maximum Power Voltage(Vmp)	38.22V	38.37V	38.52V	38.67V	38.82V
Maximum Power Current(Imp)	12.96A	13.04A	13.12A	13.20A	13.28A
Module Efficiency	20.8%	21.1%	21.3%	21.5%	21.7%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	25A				
Operating Temperature	-40℃ to +85℃				

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

Electrical Characteristics (NMOT)

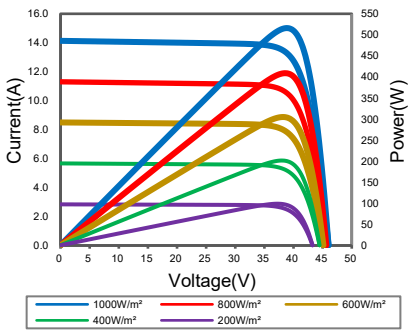
Module Type	HT66-18X				
Maximum Power(Pmax)	368W	372W	376W	379W	383W
Open Circuit Voltage(Voc)	43.00V	43.20V	43.30V	43.46V	43.60V
Short Circuit Current(Isc)	11.19A	11.24A	11.29A	11.35A	11.40A
Maximum Power Voltage(Vmp)	36.20V	36.40V	36.50V	36.65V	36.79V
Maximum Power Current(Imp)	10.17A	10.22A	10.30A	10.34A	10.41A

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

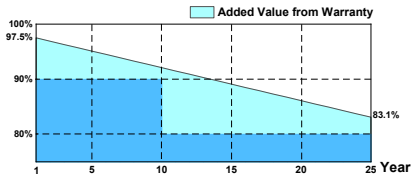
Temperature Coefficient of Pmax	γ (Pm)	-0.33%/K
Temperature Coefficient of Voc	β (Voc)	-0.26%/K
Temperature Coefficient of Isc	α (Isc)	0.042%/K

Solar Cells	Monocrystalline 182× 91mm
No. of Cells	132 (6×22)
Dimensions	2094mm×1134mm×30mm
Weight	25.0kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Cable	4mm²(IEC) Length: (+) 200mm, (-)300mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	36 pcs/box: 792 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