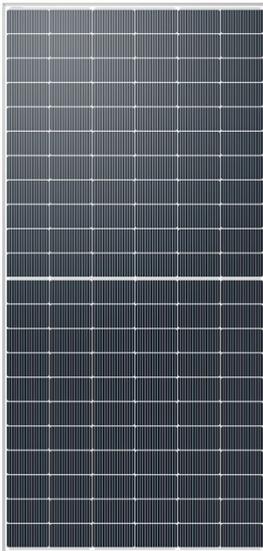


HT66-18X(ND)-F

Double Glass TOPCon PV Module

HIGH High power

610W/615W
620W/625W/630W



- Module Efficiency: 23.3%
- No. of Cells 132(6×22)
- Weight 33.5(±0.5)kg
- Dimensions 2382×1134×35mm
- Bifaciality 80(±5)%



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.



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

TOPCon

Double glass, The optimized number and width of main gate lines, Maximize the light receiving area of modules and Reduce module power consumption.



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

15Ys

Products warranty

30Ys

Warranty on power output

EL

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



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

0~+3%

Positive tolerance 0~+3% guaranteed



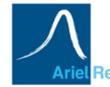
Entire module certified to with stand extreme wind(2400 Pa) and snow loads (5400 Pa)

Anti PID

PID resistant

Comprehensive and first-rate certification system

IEC 61215, IEC 61730 Latest Standard SA 8000, ISO 9001, ISO 14001 and ISO 45001 meeting the highest international standards Strict quality control



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✉ Info@solagrivoltaica.com

DS0791

Electrical Characteristics (STC)

Module Type	HT66-18X(ND)-F				
Maximum Power(Pmax)	610W	615W	620W	625W	630W
Open Circuit Voltage(Voc)	47.9V	48.1V	48.3V	48.5V	48.7V
Short Circuit Current(Isc)	16.05A	16.10A	16.15A	16.20A	16.25A
Maximum Power Voltage(Vmp)	39.8V	40.0V	40.2V	40.4V	40.6V
Maximum Power Current(Imp)	15.33A	15.38A	15.43A	15.48A	15.53A
Module Efficiency	22.6%	22.8%	23.0%	23.1%	23.3%
Power Tolerance	0 ~ +3%				
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	HT66-18X(ND)-F				
Maximum Power(Pmax)	464W	468W	471W	475W	479W
Open Circuit Voltage(Voc)	46.0V	46.2V	46.4V	46.6V	46.8V
Short Circuit Current(Isc)	12.93A	12.97A	13.02A	13.06A	13.10A
Maximum Power Voltage(Vmp)	38.2V	38.4V	38.6V	38.8V	39.0V
Maximum Power Current(Imp)	12.15A	12.19A	12.20A	12.24A	12.28A

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

Bifacial output-rearside power gain

5%	Maximum Power(Pmax)	641W	646W	651W	656W	662W
	Module Efficiency	23.7%	23.9%	24.1%	24.3%	24.5%
15%	Maximum Power(Pmax)	702W	707W	713W	719W	725W
	Module Efficiency	26.0%	26.2%	26.4%	26.6%	26.8%
25%	Maximum Power(Pmax)	763W	769W	775W	781W	788W
	Module Efficiency	28.2%	28.5%	28.7%	28.9%	29.2%

Nominal Module Operating Temperature(NMOT) 43±2°C

Temperature Coefficient of Pmax γ (Pm) -0.29%/°C

Temperature Coefficient of Voc β (Voc) -0.25%/°C

Temperature Coefficient of Isc α (Isc) 0.046%/°C

Solar Cells Monocrystalline

No. of Cells 132 (6×22)

Dimensions 2382×1134×35mm

Weight 33.5 (±0.5) kg

Glass (Front /Back) High transmission coated tempered glass/Heat strengthened glass

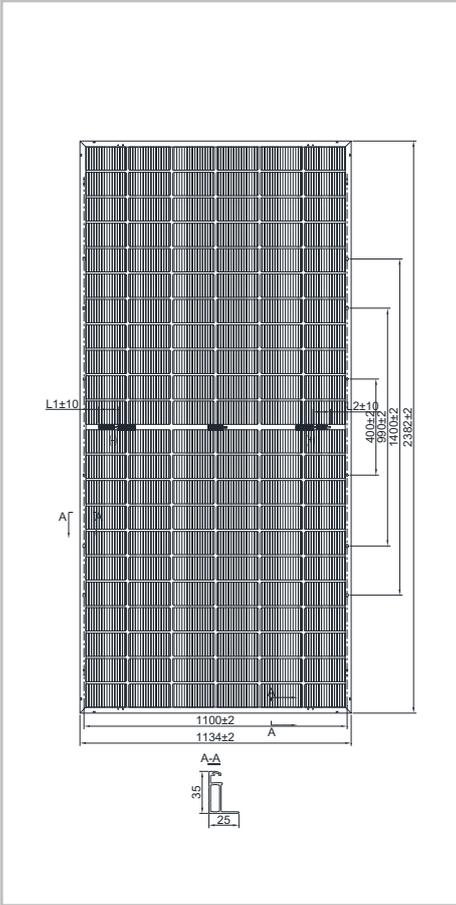
Frame Anodized aluminum alloy

Junction Box IP68

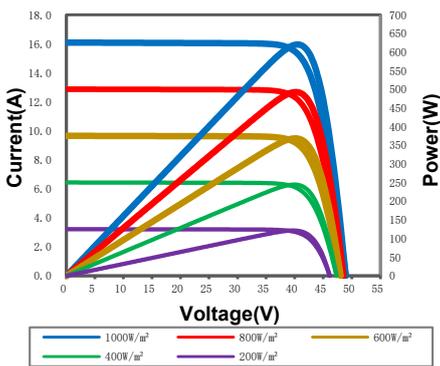
Cable 4mm² (IEC) Length: (+) 200mm, (-) 300mm or customized

Connectors MC4 / MC4 Compatible

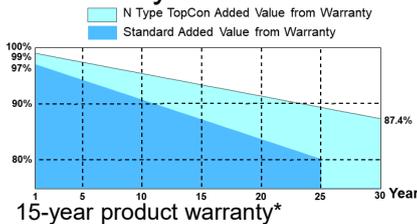
Packaging Configuration 31 pcs/box: 620 pcs/ 40' HQ Container



IV Curves



Warranty



30-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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