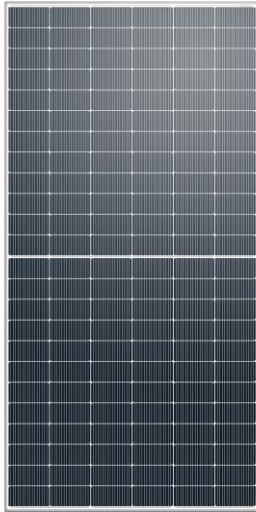


HT72-18X(ND)-F

Double Glass TOPCon PV Module

HIGH High power

560W/565W
570W/575W/580W



- Module Efficiency: 22.5%
- No. of Cells 144(6×24)
- Weight 32.5(±0.5)kg
- Dimensions 2278×1134×35mm
- Monocrystalline 182×91mm
- 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.
Turkey HT Solar Energy Joint Stock Company



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.



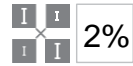
Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs

12Ys

Products warranty

30Ys

Warranty on power output



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

EL

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

5W

Positive tolerance 0/+5w guaranteed



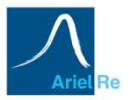
Entire module certified to with stand extreme wind(2400 Pa) and snow loads (5400 Pa)

Anti PID

PID resistant

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	HT72-18X(ND)-F				
Maximum Power(Pmax)	560W	565W	570W	575W	580W
Open Circuit Voltage(Voc)	50.5V	50.7V	50.9V	51.1V	51.3V
Short Circuit Current(Isc)	14.07A	14.15A	14.23A	14.31A	14.39A
Maximum Power Voltage(Vmp)	42.3V	42.5V	42.7V	42.9V	43.1V
Maximum Power Current(Imp)	13.25A	13.31A	13.37A	13.41A	13.47A
Module Efficiency	21.7%	21.9%	22.1%	22.3%	22.5%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	25A				
Operating Temperature	-40°C to +85°C				

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

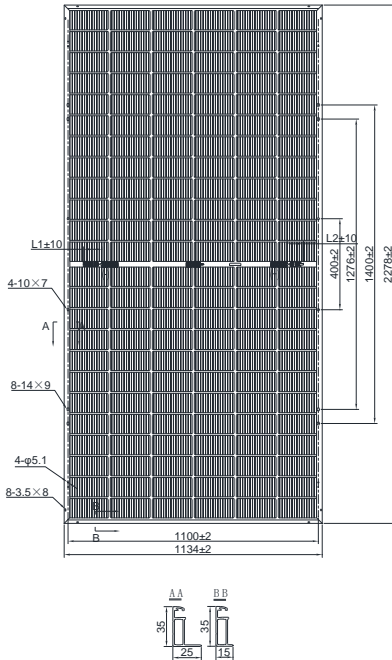
Electrical Characteristics (NMOT)

Module Type	HT72-18X(ND)-F				
Maximum Power(Pmax)	426W	430W	433W	437W	441W
Open Circuit Voltage(Voc)	48.5V	48.7V	48.9V	49.1V	49.2V
Short Circuit Current(Isc)	11.34A	11.40A	11.47A	11.53A	11.60A
Maximum Power Voltage(Vmp)	40.6V	40.8V	41.0V	41.2V	41.4V
Maximum Power Current(Imp)	10.49A	10.54A	10.56A	10.61A	10.65A

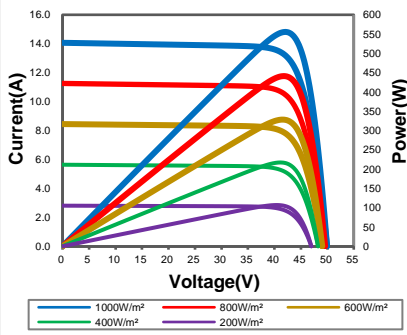
* NMOT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

Nominal Module Operating Temperature(NMOT)	43±2°C	
Temperature Coefficient of Pmax	γ (Pm)	-0.31%/°C
Temperature Coefficient of Voc	β (Voc)	-0.25%/°C
Temperature Coefficient of Isc	α (Isc)	0.046%/°C

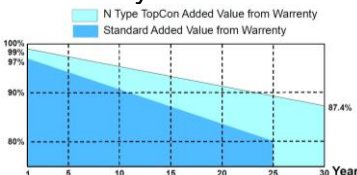
Solar Cells	Monocrystalline 182× 91mm
No. of Cells	144 (6×24)
Dimensions	2278mm×1134mm×35mm
Weight	32.5 (±0.5) kg
Glass (Front /Back)	High transmission coated tempered glass/White grid glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Cable	4mm ² (IEC) Length: (+) 200mm, (-) 300mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	31 pcs/box: 620 pcs/ 40' HQ Container



IV Curves



Warranty



12-year product 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

*Copyright@2022V3 Specifications are subject to change without further notification