

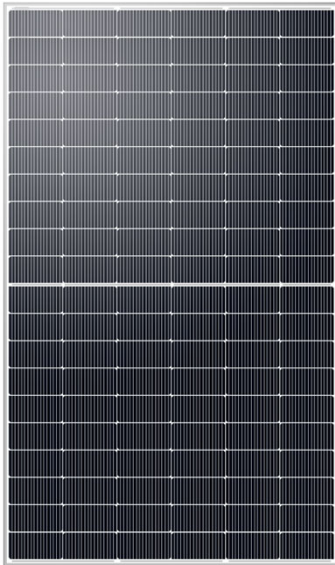
# HT60-18X(N)

Single Glass TOPCon PV Module

**HIGH** High power

## HT60-18X(N)

490W/495W/500W/505W/510W



- Module Efficiency: 23.6%
- No. of Cells 120(6×20)
- Weight 23.0 (±0.5) kg
- Dimensions 1909×1134×30mm
- For Australia market



MULTIWAY+

Shanghai Aerospace Automobile Electromechanical Co., Ltd.  
 Website: [www.ht-saae.com.au](http://www.ht-saae.com.au)  
 Address: 222 Caoxi Rd, the 8th Floor of Spaceflight Building, Shanghai P.R. China

Made in China



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

**15/30Ys**  
 Product warranty  
 15Yrs for ground mounted  
 30Yrs for rooftop

**30Ys**

Warranty on power output

**EL**

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



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

**TOPCon**

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

**0~+3%**

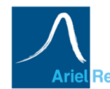
Power sorting tolerance  
 0~+3%  
 guaranteed

**Anti PID**

PID resistant  
 (available on request)

**Comprehensive and first-rate certification system**

IEC 61215:2021, IEC 61730:2023 Latest Standard SA 8000,ISO 9001,ISO 14001 and ISO 45001 meeting the highest international standards Strict quality control



## HT60-18X(N)-490W/495W/500W/505W/510W

### Electrical Characteristics (STC)

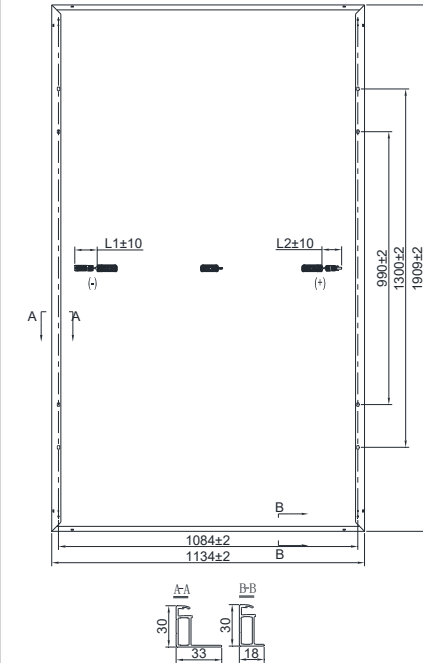
Module Type	HT60-18X(N)				
Maximum Power(Pmax)	490W	495W	500W	505W	510W
Open Circuit Voltage(Voc)	42.9V	43.1V	43.3V	43.5V	43.7V
Short Circuit Current(Isc)	14.47A	14.55A	14.63A	14.71A	14.79A
Maximum Power Voltage(Vmp)	36.0V	36.2V	36.4V	36.6V	36.8V
Maximum Power Current(Imp)	13.63A	13.69A	13.75A	13.81A	13.87A
Module Efficiency	22.6%	22.9%	23.1%	23.3%	23.6%
Power/Voc/Isc Measurement Tolerances	±3%/±5%/±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/m<sup>2</sup>, module temperature 25°C

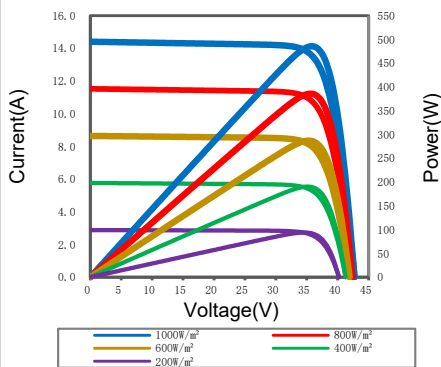
### Electrical Characteristics (NMOT)

Module Type	HT60-18X(N)				
Maximum Power(Pmax)	373W	376W	380W	384W	388W
Open Circuit Voltage(Voc)	41.2V	41.4V	41.6V	41.8V	42.0V
Short Circuit Current(Isc)	11.66A	11.73A	11.79A	11.85A	11.92A
Maximum Power Voltage(Vmp)	34.6V	34.8V	34.9V <td 35.1V	35.3V	
Maximum Power Current(Imp)	10.78A	10.80A	10.89A	10.94A	10.99A

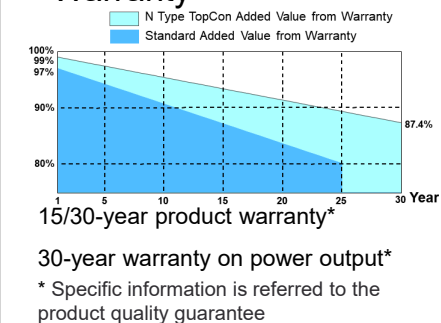
\* NMOT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s



### IV Curves



### Warranty



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

\*Copyright@2024V2 Specifications are subject to change without further notification\*Only available in Australia

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
No. of Cells	120 (6×20)
Dimensions	1909×1134×30mm
Weight	23.0 (±0.5) kg
Glass	High light transmittance coated tempered glass
Frame	Anodized aluminum alloy
Junction Box/Connectors	IP68/PV-HT005-1 Shanghai Aerospace Automobile Electromechanical Co., Ltd.
Cable	4mm <sup>2</sup> (IEC) length: (+) 200mm, (-) 300mm or customized
Fire Rating	Class C
Packaging Configuration	36 pcs/box: 864 pcs/ 40' HQ Container