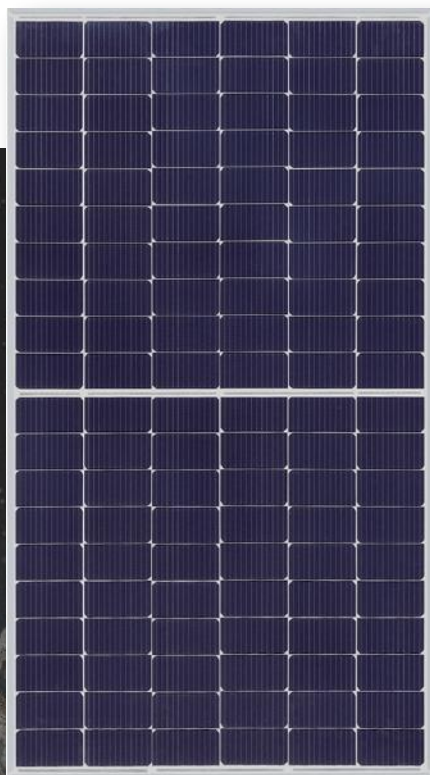


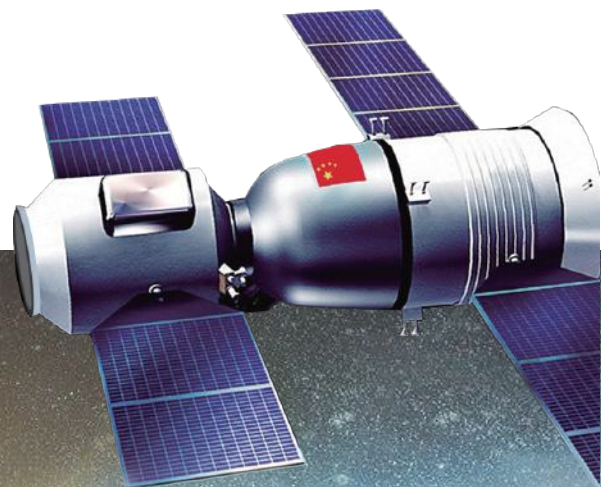
HT60-18X



120-cell Mono Half Cell PV-Module



455W - 475W



WARRANTY

12
years

Products
Warranty

25
years

Warranty on
power output

CERTIFICATES



QUALITY BENEFITS



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.



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

5W

Positive tolerance 0/+5w guaranteed.

EL

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



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

PID

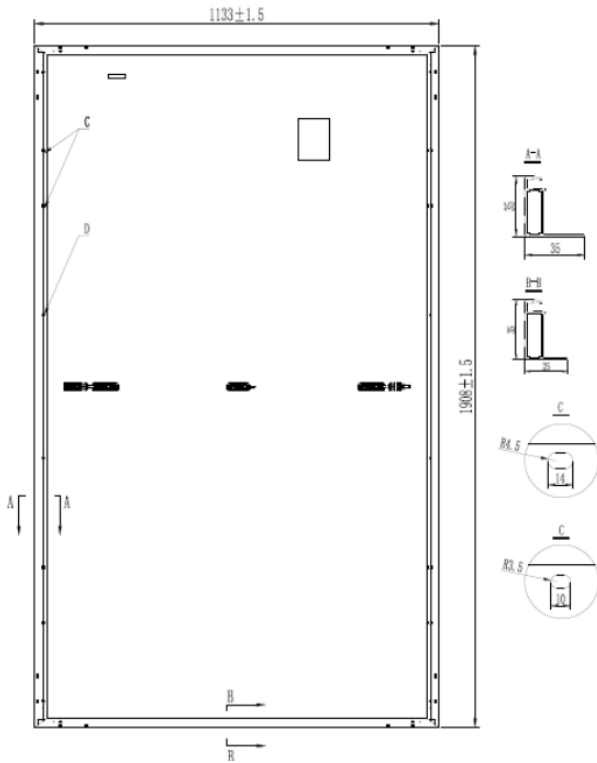
PID Resistant

Comprehensive and first-rate certification system

IEC61215: 2016, IEC61730: 2016 Latest Standard
ISO9001, ISO14001 and OHSAS18001,
meeting the highest international standards Strict quality control

MULTIWAY+

Engineering Drawing



Electrical Characteristics

Module	HT60-18X				
Maximum Power at STC(Pmax)	455W	460W	465W	470W	475W
Open-Circuit Voltage(Voc)	41.2V	41.3V	41.4V	41.5V	41.6V
Short-Circuit Current(Isc)	14.53A	14.65A	14.77A	14.89A	15.02A
Optimum Operating Voltage (Vmp)	34.1V	34.2V	34.3V	34.4V	34.5V
Optimum Operating Current(Imp)	13.35A	13.46A	13.57A	13.68A	13.78A
Module Efficiency	21.1%	21.3%	21.5%	21.7%	22.0%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	20A				
Operating Temperature	-40 °C to +85 °C				

*STC: Irradiance 1000W/m², module temperature 25, AM=1.5
Optional black frame or white frame module according to customer requirements

NMOT

Module	HT60-18X				
Maximum Power	337W	341W	344W	348W	352W
Open Circuit Voltage (Voc)	38.9V	39.0V	39.1V	39.2V	39.3V
Short Circuit Current (Isc)	11.73A	11.83A	11.93A	12.02A	12.13A
Maximum Power Voltage (Vmp)	32.2V	32.3V	32.4V	32.5V	32.6V
Maximum Circuit Current (Imp)	10.47A	10.56A	10.62A	10.71A	10.80A
NOCT	45°C±2°C				

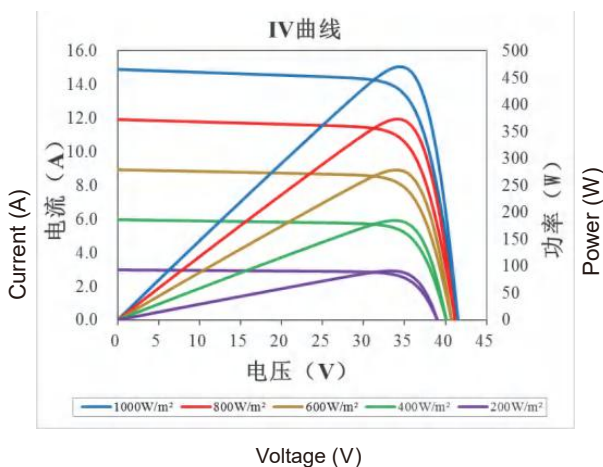
*NMOT: Irradiance 800W/m², ambient temperature 20 °C, wind speed 1 m/s

Mechanical Characteristics

Solar Cells	monocrystalline 182 × 91 mm
No. of Cells	120(6 × 20)
Dimensions	1908mm×1133mm×35mm
Weight	23.0kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm ² (IEC) Length: (+)200mm, (-)300mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	31pcs / box, 744pcs / 40'HQ Container

I-V Curves

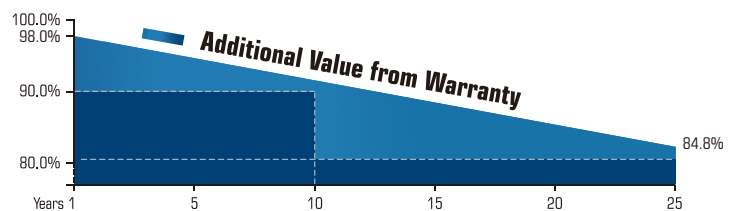
Current-Voltage & Power-Voltage Curve



Temperature Characteristics

Temperature Coefficient of Pmax	γ (Pm)	-0.39%/K
Temperature Coefficient of Voc	β (Voc)	-0.29%/K
Temperature Coefficient of Isc	α (Isc)	0.049%/K

Warranty



12-year Product Warranty

25-year Linear Performance Warranty

