



HT60-18X(N)

N-TYPE TOPCON MONOFACIAL MODULE
465W - 485W

DESIGNED FOR AUSTRALIA
MODULE EFFICIENCY UP TO 22.4%
0 ~ +5W POWER TOLERANCE



FEATURE



Half-cut cell technology reduces internal power loss, improves power production and provides excellent heat dissipation to avoid hot spots.



30 Year product warranty for rooftop installations
12 Year for ground mounted.



30 Year power output warranty.

EL Tested

High quality control using double EL tests to ensure reliability and avoid microcracks.



Certified to withstand extreme mechanical load 5400 Pa positive and 2400 Pa negative. 25mm hailstone at the speed of 23m/s.

TOPCon

Optimised Multi-Busbar (MBB) for maximum light absorption, lower resistance and improved current collection for enhanced reliability.



Designed for high voltage systems of up to 1500 VDC, increases string length and saves on BoS costs.



All modules sorted and packaged by amperage reducing mismatch losses by average of 2% to enhance system output.

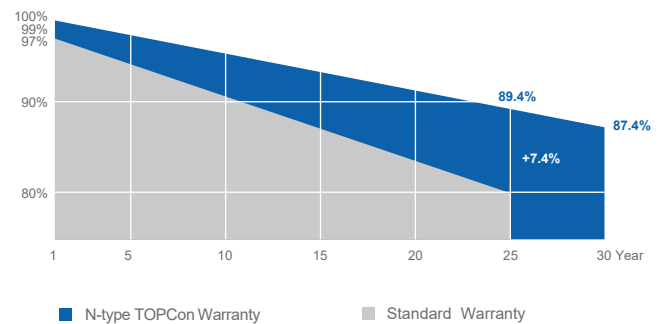
AntiPID

Excellent Anti-PID performance resulting in low power degradation and a high energy yield.

Low Degradation Rate

0.4% annual degradation rate over 30 year power output.

WARRANTY



COMPREHENSIVE AND FIRST-RATE CERTIFICATION SYSTEM

IEC 61215:2016. IEC 61730:2016 Latest Standard
ISO 9001, ISO 14001, ISO 45001 and SA8000.
Strict quality control of the highest international standards.



MULTIWAY+

BETTER CHOICE FOR HIGHER EFFICIENCY!

HT60-18X(N)

465W / 470W / 475W / 480W / 485W

ELECTRICAL CHARACTERISTICS (STC)

Module Type	HT60-18X(N)				
Maximum Power (Pmax)	465W	470W	475W	480W	485W
Open Circuit Voltage(Voc)	42.3V	42.4V	42.5V	42.6V	42.7V
Short Circuit Current(Isc)	14.07A	14.15A	14.23A	14.31A	14.39A
Maximum Power Voltage(Vmp)	35.0V	35.2V	35.4V	35.6V	35.8V
Maximum Power Current(Imp)	13.30V	13.37A	13.43A	13.50A	13.56A
Module Efficiency	21.5%	21.7%	21.9%	22.2%	22.4%
Voc and Isc Tolerance	±3%W				
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

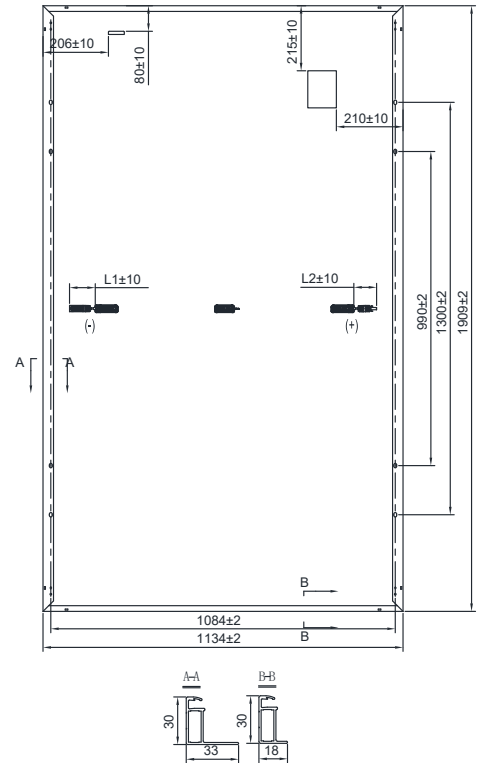
ELECTRICAL CHARACTERISTICS (NMOT)

Module Type	HT60-18X(N)				
Maximum Power(Pmax)	354W	357W	361W	365W	369W
Open Circuit Voltage(Voc)	40.6V	40.7V	40.8V	40.9V	40.0V
Short Circuit Current(Isc)	11.34A	11.40A	11.47A	11.53A	11.60A
Maximum Power Voltage(Vmp)	33.6V	33.8V	34.0V	34.2V	34.4V
Maximum Power Current(Imp)	10.54A	10.56A	10.62A	10.67A	10.73A

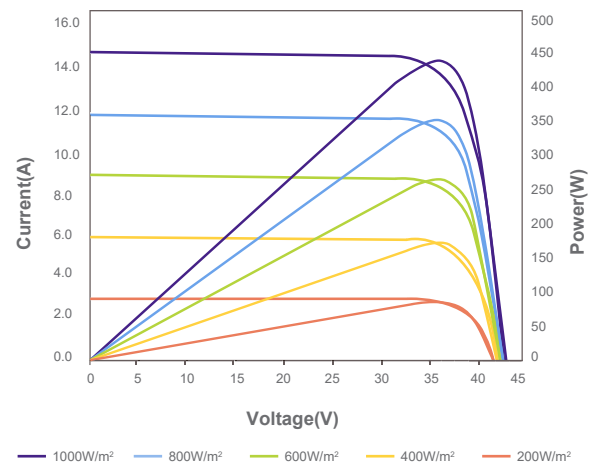
NMOT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

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 x 91mm	
No.of Cells	120 (6x20)	
Dimensions	1909mm x 1134mm x 30mm	
Weight	23.0 kg	
Glass	High light transmittance coated tempered glass	
Frame	Anodised aluminum alloy	
Junction Box/Connectors	IP68 / PV-HT005-01 HT-SAAE product / Stäubli MC4	
Cable	4mm ² (IEC) length: (+) 1200mm, (-) 1200mm	
Fire Rating	IEC Class C	
Packaging Configuration	36 pcs/box: 864 pcs/ 40' HQ Container	

DIMENSIONS OF PV MODULE (MM)



IV CURVES (475W)



Shanghai Aerospace Automobile Electromechanical Co., Ltd.
Shanghai Aerospace Innovation and Entrepreneurship Center
No. 3883, Building 1, Yuanjiang Road, Minhang District
Shanghai, China 201108

Australia office
Level 45, 680 George St, Sydney NSW 2000

Website: www.ht-saae.com.au

Made in China

Module recycling should be carried out by professionals.

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Only available in Australia