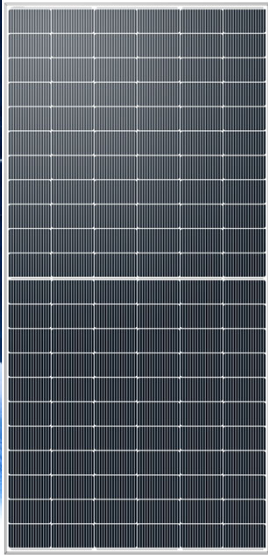


HT66-18X(N)

SINGLE GLASS TOPCON PV MODULE
610-630W

DESIGNED FOR AUSTRALIA
MODULE EFFICIENCY UP TO 23.3%



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
15 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.

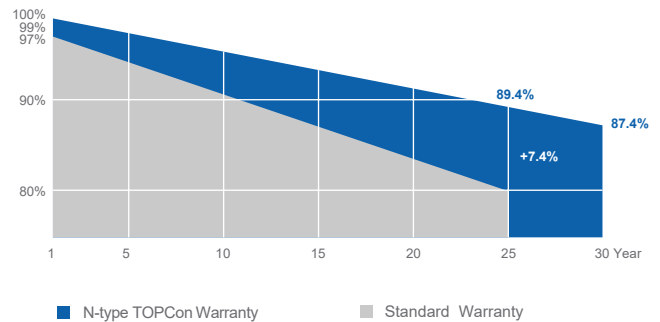
AntiPID

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



MULTIWAY+
BETTER CHOICE FOR HIGHER EFFICIENCY!

HT66-18X(N)
610W / 615W / 620W / 625W / 630W

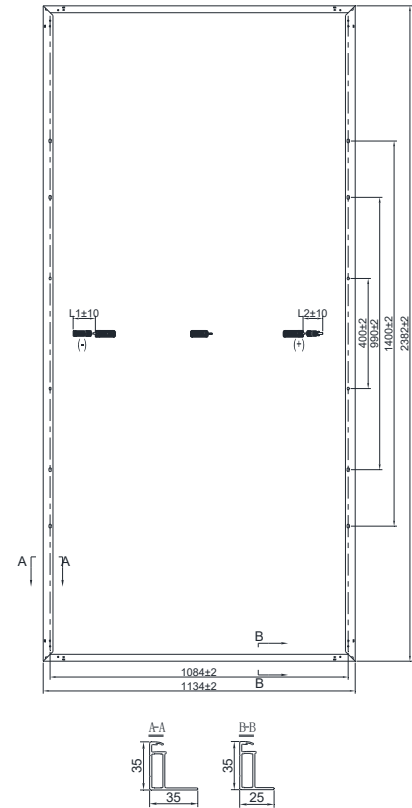
ELECTRICAL CHARACTERISTICS (STC)

Module Type	HT66-18X(N)				
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/Voc/Isc Measurement Tolerances	±3%/±5%/±5%				
Maximum System Voltage	1500V DC (IEC)				
Maximum Series Fuse Rating	25A				
Operating Temperature	-40°C to +85°C				
STC: AM 1.5, Irradiance 1000W/m ² , module temperature 25°C					

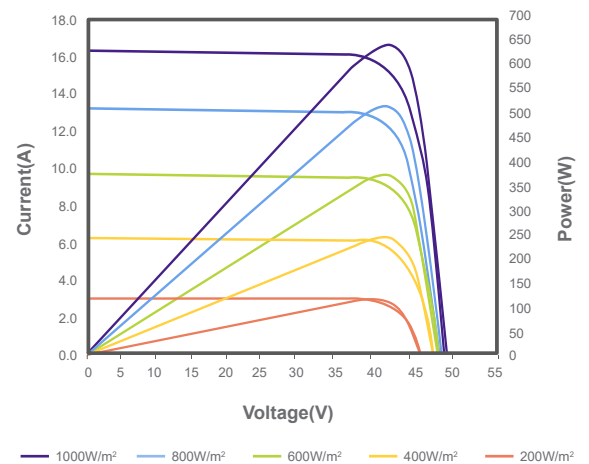
ELECTRICAL CHARACTERISTICS (NMOT)

Module Type	HT66-18X(N)				
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/m ² , 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				
No. of Cells	132 (6x22)				
Dimensions	2382mm x 1134mm x 35mm				
Weight	29.0 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: (+) 200mm, (-) 300mm				
Fire Rating	IEC Class C				
Packaging Configuration	31 pcs/box: 620 pcs/ 40' HQ Container				

DIMENSIONS OF PV MODULE (MM)



IV CURVES



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.

Copyright©2024V2 Specifications are subject to change without further notification.

Only available in Australia