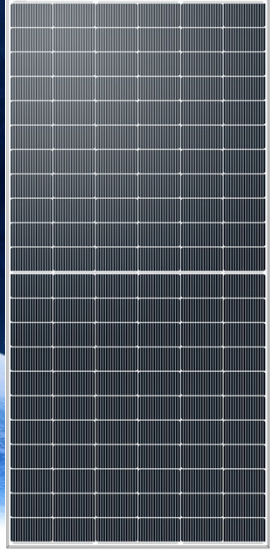


HT66-18X(ND)-F

DOUBLE GLASS TOPCON PV MODULE
600-620W

DESIGNED FOR AUSTRALIA
MODULE EFFICIENCY UP TO 23%



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.

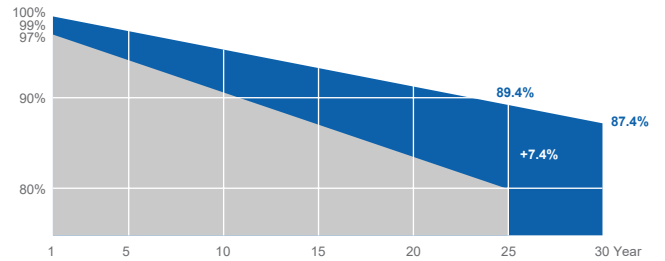
AntiPID

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



■ N-type TOPCon Warranty ■ Standard 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(ND)-F
600W / 605W / 610W / 615W / 620W

ELECTRICAL CHARACTERISTICS (STC)

Module Type	HT66-18X(ND)-F				
Maximum Power (Pmax)	600W	605W	610W	615W	620W
Open Circuit Voltage(Voc)	47.5V	47.7V	47.9V	48.1V	48.3V
Short Circuit Current(Isc)	15.95A	16.00A	16.05A	16.10A	16.15A
Maximum Power Voltage(Vmp)	39.4V	39.6V	39.8V	40.0V	40.2V
Maximum Power Current(Imp)	15.23A	15.28A	15.33A	15.38A	15.43A
Module Efficiency	22.2%	22.4%	22.6%	22.8%	23.0%
Power/Voc/Isc Measurement Tolerance	±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 ² , module temperature 25°C					

ELECTRICAL CHARACTERISTICS (NMOT)

Module Type	HT66-18X(ND)-F				
Maximum Power(Pmax)	456W	460W	464W	468W	471W
Open Circuit Voltage(Voc)	45.6V	45.8V	46.0V	46.2V	46.4V
Short Circuit Current(Isc)	12.85A	12.89A	12.93A	12.97A	13.02A
Maximum Power Voltage(Vmp)	37.8V	38.0V	38.2V	38.4V	38.6V
Maximum Power Current(Imp)	12.06A	12.11A	12.15A	12.19A	12.20A
NMOT: Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s					

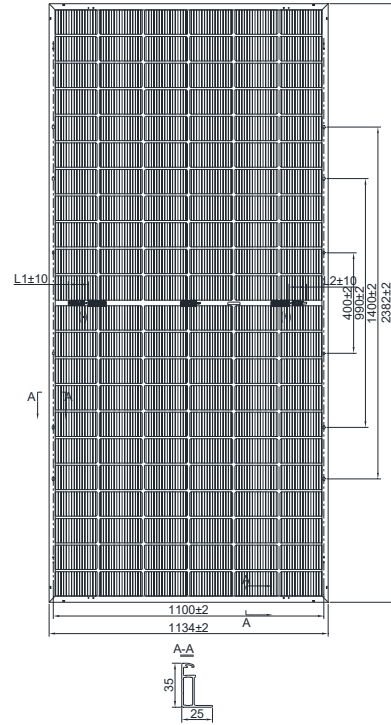
BIFACIAL NAMEPLATE IRRADIANCE (BNPI)

Maximum Power(Pmax)	660W	666W	669W	675W	681W
Open Circuit Voltage(Voc)	47.5V	47.7V	47.9V	48.1V	48.3V
Short Circuit Current(Isc)	17.55A	17.60A	17.66A	17.71A	17.77A
Maximum Power Voltage(Vmp)	39.4V	39.6V	39.8V	40.0V	40.2V
Maximum Power Current(Imp)	16.75A	16.82A	16.81A	16.88A	16.94A

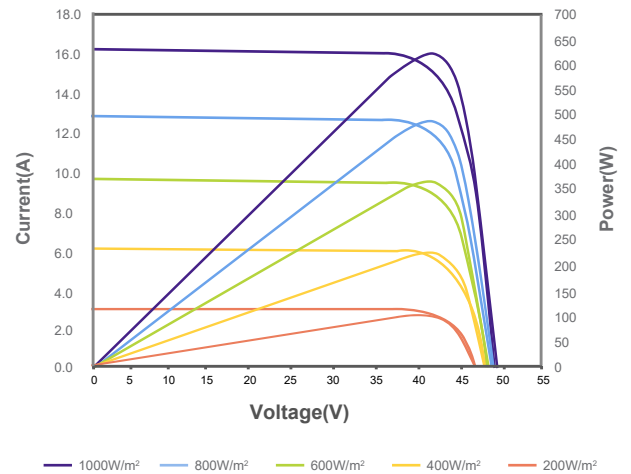
*BNPI: front 1000W/m², rear 135W/m²

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	33.5 kg	
Glass	High transmittance coated tempered glass/Heat strengthened 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	Class C	
Packaging Configuration	31pcs/box: 620pcs/ 40' HQ Container	

DIMENSIONS OF PV MODULE (MM)



IV CURVES



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Made in China

Module recycling should be carried out by professionals.

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Only available in Australia

#DS0892