

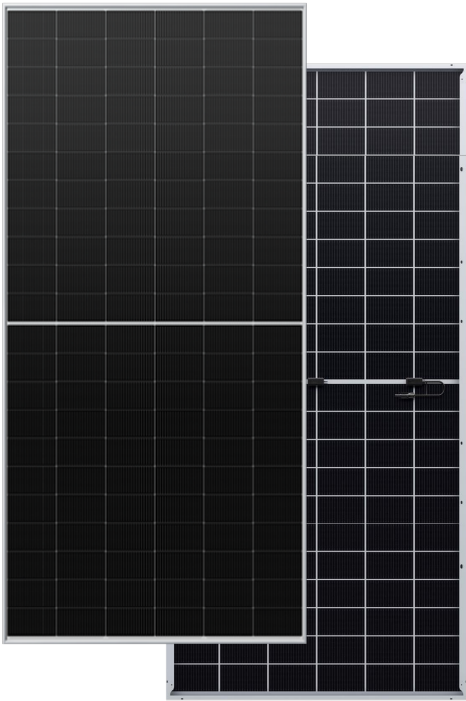
Jupiter Pro

HT66-18X+(ND)-F Double Glass

High Efficiency Lower LID and TOPCon cell with Half-cut Technology
Big Size : Cell 182mm × 105mm Monocrystalline

610W / 615W

620W / 625W / 630W



10-30% Additional Power Generation

10-30% additional power generation comparing with conventional P-type module



Lower LID (Light Induced Degradation)

N-type modules with Tunnel Oxide Passivating Contacts (TOPCon) technology offer lower LID/LeTID degradation and better low light performance



Lower LCOE

Higher power output and lower BOS cost



Better Weak Illumination Response

Higher power output even under low-light environment



Better Temperature Coefficient

Higher power generation under normal working conditions



Enhanced Mechanical Load

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal)

- Module Efficiency
23.9%
- No. of Cells
132(6 × 22)
- Weight
33.7±0.5kg
- Dimensions
2382mm×1134mm×30mm

Comprehensive and First-rate Certification System

IEC61215: 2021 . IEC61730: 2023 . UL61730: 2017 . IEC62804: 2015
ISO9001 . ISO14001 . and . ISO45001



Jupiter Pro

Better Choice For Higher Efficiency



Electrical Characteristics

Module	HT66-18X+(ND)-F				
Maximum Power at STC (Pmax)	610W	615W	620W	625W	630W
Open - Circuit Voltage (Voc)	48.70V	48.90V	49.10V	49.30V	49.50V
Short - Circuit Current (Isc)	15.96A	16.02A	16.08A	16.14A	16.21A
Optimum Operating Voltage (Vmp)	40.60V	40.75V	40.90V	41.05V	41.20V
Optimum Operating Current (Imp)	15.04A	15.10A	15.17A	15.23A	15.30A
Module efficiency	22.5%	22.7%	22.9%	23.1%	23.3%
Power Tolerance	0 ~ + 3%				
Maximum System Voltage	1500V DC (UL / IEC)				
Maximum Series Fuse Rating	35A				
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

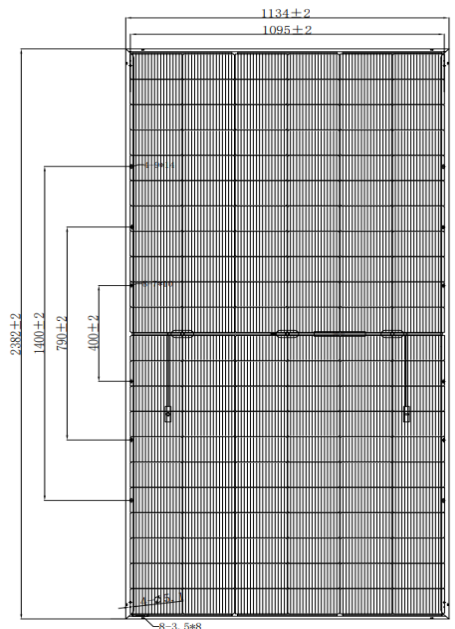
Module	HT66-18X+(ND)-F(Bifaciality 85±5%)				
Maximum Power	460.1W	464.8W	467.2W	471.9W	475.8W
Open - Circuit Voltage (Voc)	45.9V	46.1V	46.3V	46.5V	46.6V
Short - Circuit Current (Isc)	12.88A	12.93A	12.98A	13.03A	13.09A
Optimum Operating Voltage (Vmp)	37.9V	38.1V	38.2V	38.4V	38.5V
Optimum Operating Current (Imp)	12.14A	12.20A	12.23A	12.29A	12.36A
NMOT	45±2 C				

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

Mechanical Characteristics

Solar Cells	Monocrystalline 182 × 105mm
No.of Cells	132(6 × 22)
Dimensions	2382mm × 1134mm × 30mm
Weight	33.7±0.5kg
Glass(Front/Back)	High transmission coated tempered glass; thickness; 2.0mm
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm ² (UL / IEC) length : (+) 400mm (-) 400mm / length can be customized
Connectors	MC4/MC4 compatible
Packaging Configuration	36pcs/box : 720pcs/40HQ Container

Engineering Drawing



Temperature Characteristics

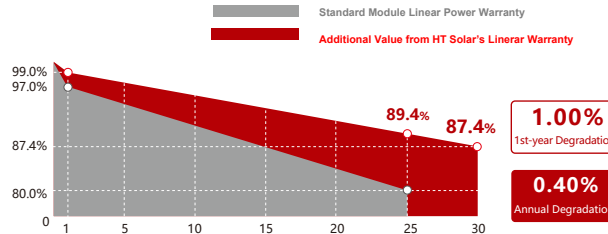
Temperature Coefficient of Pmax	-0.29%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	+0.046%/°C

Warranty

15 - years
product warranty

30 - years
warranty on power output

Specific information is referred to
the product quality guarantee



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

IV Curves

