

High Efficiency Low LID and TOPCon cell with Half-cut Technology
Big Size : Cell 182mm × 91.875mm Monocrystalline

535W / 540W

545W / 550W / 555W

Fast-Installation

Through faster installation, requires no penetration, reduces time on roof and saves installation costs.

Safety

Integration with underlying installation surface, ensuring the waterproof performance and safety performance of the roof.

Ultra-light

- Module Efficiency
21.4%
- No. of Cells
144(6 × 24)
- Weight
7.5±0.5Kg
- Dimensions
2297mm × 1131mm × 3mm

Comprehensive and First-rate Certification System

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

Jupiter Flex

Better Choice For Higher Efficiency



Electrical Characteristics

Module	HT72-18X (NLm)		
Maximum Power at STC (Pmax)	535W	545W	550W
Open - Circuit Voltage (Voc)	49.50V	49	50.10V
Short - Circuit Current (Isc)			13.91A
Optimum Operating Voltage (Vmp)			
Optimum Operating Current (Imp)			
Module efficiency			
Power Tolerance			
Maximum System Voltage			
Maximum Series Fuse Rating		25A	
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	HT72-18X (NLm)				
Maximum Power	394.6W	398.5W	402.0W	405.8W	409.4W
Open - Circuit Voltage (Voc)	46.58V	46.68V	46.77V	46.87V	46.96V
Short - Circuit Current (Isc)	11.11A	11.18A	11.27A	11.35A	11.43A
Optimum Operating Voltage (Vmp)	38.60V	38.70V	38.80V	38.90V	39.00V
Optimum Operating Current (Imp)	10.22A	10.30A	10.36A	10.43A	10.50A
NMOT		45±2 C			

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

Mechanical Characteristics

Solar Cells	Monocrystalline 182 × 91.875mm
No.of Cells	144(6 × 24)
Dimensions	2297mm × 1131mm × 3 mm
Weight	7.5±0.5kg
Frame	Framless
Junction Box	IP68
Cable	4mm ² (UL / IEC) length: 400mm (+,-) / length can be customized
Connectors	MC4/MC4 Compatible
Packaging Configuration	58pcs / box

Temperature Characteristics

Temperature Coefficient of Pmax	-0.31%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	+0.046%/°C

Warranty

12 - years

product warranty

25 - 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

Engineering Drawing

IV Curves

