

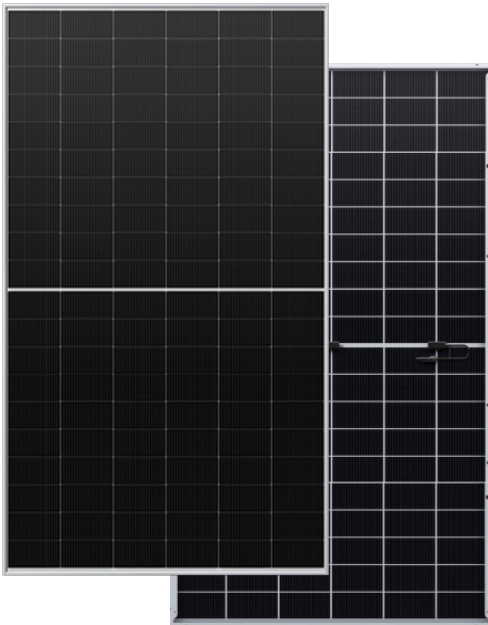
Jupiter Max

HT60-210(ND)-F Double Glass

High Efficiency Lower LID and TOPCon cell with Half-cut Technology
Big Size : Cell 210mm × 105mm Monocrystalline

640W / 645W

650W / 655W / 660W



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
23.4%

■ No. of Cells
120(6×20)

■ Weight
34.9±0.5kg

■ Dimensions
2172mm×1303mm×35mm

Comprehensive and First-rate Certification System

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



Jupiter Max

Better Choice For Higher Efficiency



Electrical Characteristics

Module	HT60-210 (ND)-F				
Maximum Power at STC (Pmax)	640W	645W	650W	655W	660W
Open - Circuit Voltage (Voc)	44.0V	44.2V	44.4V	44.6V	44.8V
Short - Circuit Current (Isc)	18.40A	18.45A	18.50A	18.55A	18.60A
Optimum Operating Voltage (Vmp)	36.9V	37.1V	37.3V	37.5V	37.7V
Optimum Operating Current (Imp)	17.35A	17.39A	17.43A	17.47A	17.51A
Module efficiency	22.6%	22.8%	23.0%	23.2%	23.4%
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	HT60-210 (ND)-F(Bifaciality 85±5%)				
Maximum Power	485W	489W	493W	497W	500.5W
Open - Circuit Voltage (Voc)	41.4V	41.6V	41.8V	42.0V	42.2V
Short - Circuit Current (Isc)	14.81A	14.85A	14.89A	14.93A	14.97A
Optimum Operating Voltage (Vmp)	34.3V	34.5V	34.7V	34.9V	35.1V
Optimum Operating Current (Imp)	14.14A	14.17A	14.20A	14.23A	14.26A
NMOT	45±2 C				

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

Mechanical Characteristics

Solar Cells	Monocrystalline 210 × 105mm
No.of Cells	120(6 × 20)
Dimensions	2172mm × 1303mm × 35mm
Weight	34.9±0.5kg
Glass(Front/Back)	High transmission 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	31pcs / box,558pcs / 40'HQ container

Temperature Characteristics

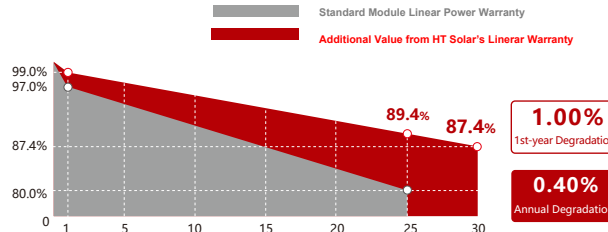
Temperature Coefficient of Pmax	-0.30%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.046%/°C

Warranty

15 - years
product warranty

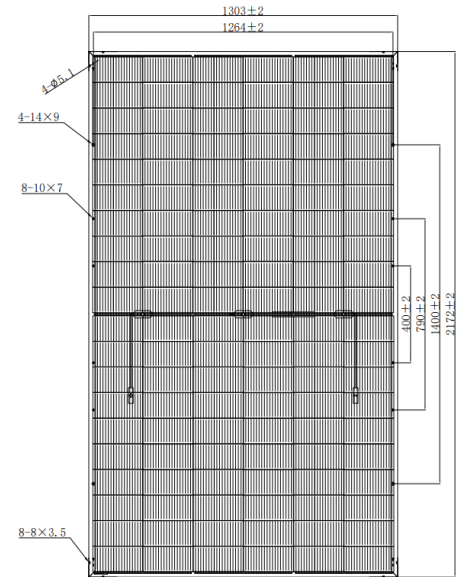
30 - years
warranty on power output

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

Engineering Drawing



IV Curves

