

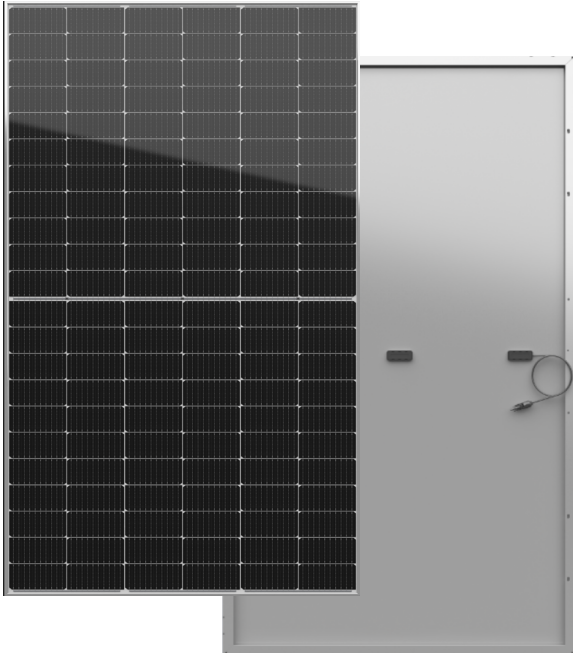
MULTIWAY+

HT66-210

High Efficiency Low LID and PERC cell with Half-cut Technology
Big Size: Cell 210 × 105 Monocrystalline

645W / 650W

655W / 660W / 665W



Half cut cell technology can reduce the internal power loss and improve component overall power. Excellent heat dissipation avoids hot spot production.



MBB The optimized number and width of main gate lines, Maximize the light receiving area of components and reduce component power consumption



Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs



Entire module certified to with stand extreme wind (2400 Pa) and snow loads (5400 Pa)



All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

12Ys
products

25Ys
warranty on power output

PID
PID resistant

5W
positive tolerance 0/+5W guaranteed

EL
microcrack resistant high performance White backsheet
structure enhance reliability, triple EL tested of high quality control.

Comprehensive and First-rate Certification System

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



■ Module Efficiency
21.4%

■ No.of Cells
132 (6 × 22)

■ Weight
33.5±0.5kg

■ Dimensions
2384mm × 1303mm × 35mm

Electrical Characteristics

Module	HT66-210				
Maximum Power at STC (Pmax)	645W	650W	655W	660W	665W
Open - Circuit Voltage (Voc)	44.8V	45.0V	45.2V	45.4V	45.6V
Short - Circuit Current (Isc)	18.35A	18.39A	18.43A	18.47A	18.51A
Optimum Operating Voltage (Vmp)	37.7V	37.9V	38.1V	38.3V	38.5V
Optimum Operating Current (Imp)	17.11A	17.16A	17.20A	17.24A	17.28A
Module Efficiency	20.8%	20.9%	21.1%	21.2%	21.4%
Power Tolerance	0 ~ + 3%				
Maximum System Voltage	1500V DC (UL / IEC)				
Maximum Series Fuse Rating	30A				
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	HT66-210				
Maximum Power	489W	493W	496W	500W	504W
Open - Circuit Voltage (Voc)	42.9V	43.1V	43.3V	43.5V	43.7V
Short - Circuit Current (Isc)	14.78A	14.81A	14.84A	14.88A	14.91A
Maximum Power Voltage (Vmp)	36.1V	36.3V	36.5V <td 36.7V	36.9V	
Maximum Power Current (Imp)	13.55A	13.58A	13.59A	13.62A	13.66A
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	132(6 × 22)
Dimensions	2384mm × 1303mm × 35mm
Weight	33.5±0.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm ² (UL / IEC) length : (+) 400mm (-) 200mm / length can be customized
Connectors	MC ₄ / MC ₄ compatible
Packaging Configuration	31pcs / box, 558pcs / 40'HQ container

Temperature Characteristics

Temperature Coefficient of Pmax	-0.31%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.039%/°C

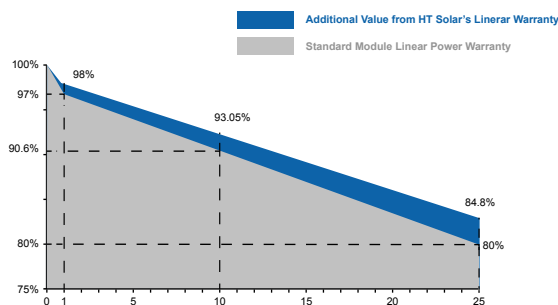
Warranty

12 - year
product warranty

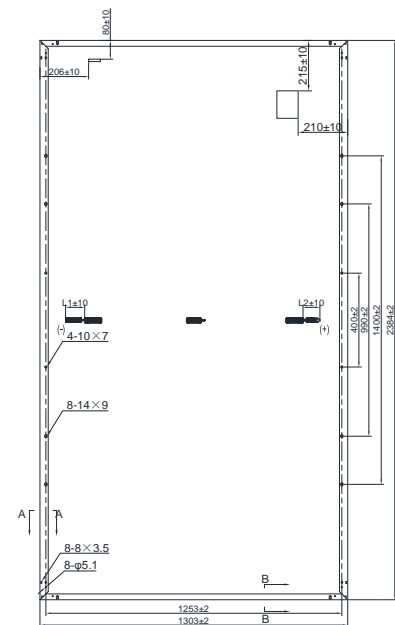
25 - year
warranty on power output

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

