

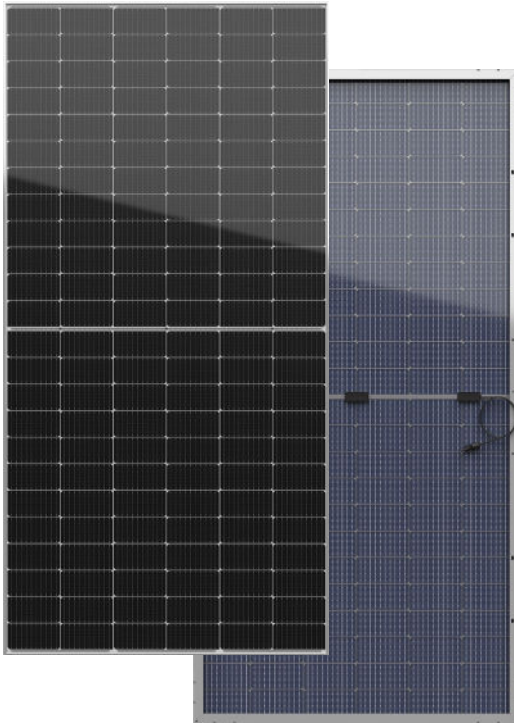
MULTIWAY+

HT72-166M Transparent

High Efficiency Low LID and Bifacial cell with Half-cut Technology
Big Size: Cell 166mm×83mm Monocrystalline

445W / 450W

455W / 460W / 465W



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



9BB 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 Transparent backsheets 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
144 (6 × 24)

■ Weight
23.5kg

■ Dimensions
2094mm × 1038mm × 35mm

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Better Choice For Higher Efficiency



Electrical Characteristics

Module	HT72-166M
Maximum Power at STC (Pmax)	
Open - Circuit Voltage (Voc)	
Short - Circuit Current (Isc)	
Optimum Operating Voltage (Vmp)	
Optimum Operating Current (Imp)	
Module efficiency	
Power Tolerance	0 ~ + 3%
Maximum System Voltage	1500V DC (UL / IEC)
Maximum Series Fuse Rating	20A
Operating Temperature	

* STC: Irradiance 1000W/m², module temperature 25, AM=1.5
Optional black frame or white frame module according to customer requirements

Engineering Drawing

Mechanical Characteristics

Solar Cells	Monocrystalline 166 × 83mm
No.of Cells	144 (6 × 24)
Dimensions	2094mm × 1038mm × 35mm
Weight	23.5kg
Front Glass	High transmission tempered glass; thickness; 3.2mm
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm ² (UL / IEC) length
Connectors	
Packaging Configuration	

Temperature Characteristic

IV Curves

