

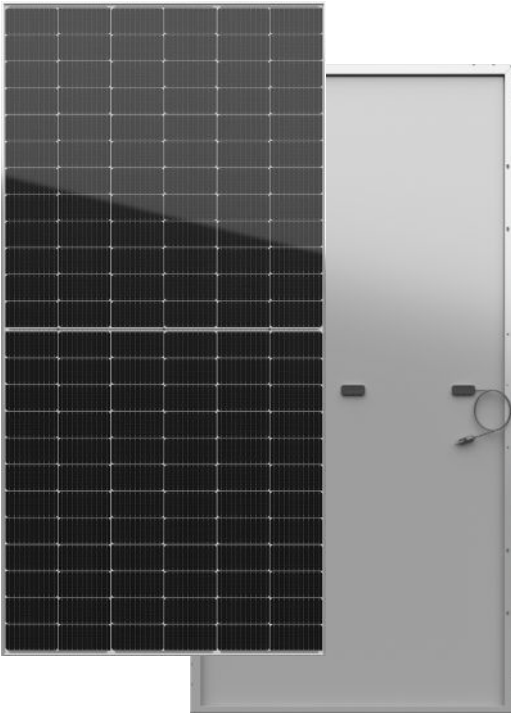
# MULTIWAY+

## HT72-166M

High Efficiency Low LID and PERC 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 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  
**144 (6 × 24)**

■ Weight  
**23.5kg**

■ Dimensions  
**2094mm × 1038mm × 35mm**

# MULTIWAY+

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/m<sup>2</sup>, 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 <sup>2</sup> (UL / IEC) length
Connectors	
Packaging Configuration	

## Temperature Characteristic

## IV Curves

