

# MULTIWAY+

## HT60-166(Lm)

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

**360W / 365W**

**370W / 375W / 380W**



- Module Efficiency  
20.7%
- No.of Cells  
120(6 × 20)
- Weight  
5.3±0.5Kg
- Dimensions  
1767 × 1035 × 3mm

### 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

Glass free module weighs 5.3kg, 70% lighter than conventional glass modules.

### Flexibility

The biggest advantage of flexible photovoltaic modules is that they can be bent and folded, which allows them to adapt to more application scenarios.

### Comprehensive and First-rate Certification System

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



## Electrical Characteristics

Module	HT60-166(Lm)				
Maximum Power at STC (Pmax)	360W	365W	370W	375W	380W
Open - Circuit Voltage (Voc)	41.10V	41.30V	41.50V	41.60V	41.70V
Short - Circuit Current (Isc)	11.53A	11.63A	11.72A	11.85A	11.98A
Optimum Operating Voltage (Vmp)	33.70V	33.90V	34.10V	34.20V	34.30V
Optimum Operating Current (Imp)	10.68A	10.76A	10.85A	10.96A	11.07A
Module efficiency	19.7%	19.9%	20.2%	20.5%	20.7%
Power Tolerance	0 ~ + 5W				
Maximum System Voltage	1500V DC (UL / IEC)				
Maximum Series Fuse Rating	20A				
Operating Temperature	-40 C to +85 C				

\* STC: Irradiance 1000W/m<sup>2</sup>, module temperature 25, AM=1.5  
Optional black frame or white frame module according to customer requirements

## NMOT

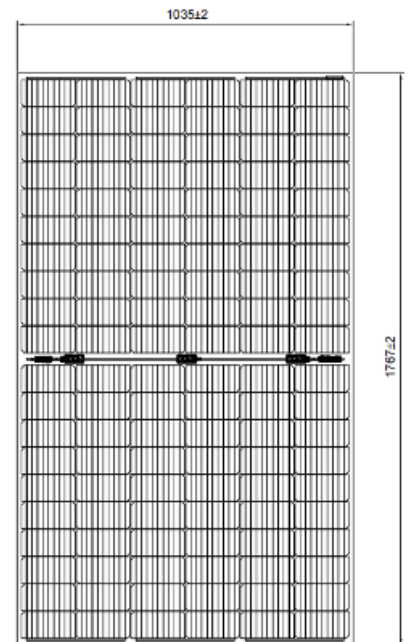
Module	HT60-166(Lm)				
Maximum Power	274.8W	278.5W	282.4W	286.3W	230.2W
Open - Circuit Voltage (Voc)	42.07V	42.17V	42.35V	44.09V	44.19V
Short - Circuit Current (Isc)	8.18A	8.22A	8.27A	8.30A	8.34A
Optimum Operating Voltage (Vmp)	35.95V	36.23V	36.51V	37.21V	37.51V
Optimum Operating Current (Imp)	7.65A	7.69A	7.74A	7.78A	7.82A
NMOT	45±2 C				

\* NMOT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

## Mechanical Characteristics

Solar Cells	Monocrystalline 166 × 83mm
No.of Cells	120(6 × 20)
Dimensions	1767 × 1035 × 3 mm
Weight	5.3±0.5kg
Frame	Framless
Junction Box	IP68
Cable	4mm <sup>2</sup> (UL / IEC) length: (+)400mm, (-)200mm / customized length
Connectors	MC4-EVO2/MC4 Compatible
Packaging Configuration	46 pcs / box, 644 pcs / truck

## Engineering Drawing



## Temperature Characteristics

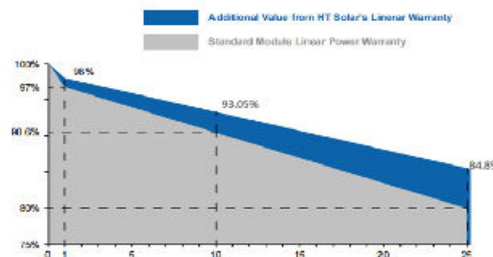
Temperature Coefficient of Pmax	-0.35%/°C
Temperature Coefficient of Voc	-0.275%/°C
Temperature Coefficient of Isc	+0.045%/°C

## 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

## IV Curves

