

\* V means 1500V module

# HT72-156M HT72-156M(V)

NEW

Big Zise: Cell 158.75\*158.75

## 380W / 385W / 390W 395W / 400W / 405W



- Module Efficiency: 20.4%
- No. of Cells: 72 (6 × 12)
- Weight: 22.5kg
- Dimensions: 1979mm×1002mm×40mm



● (Optional)  
Design of Water  
Leakage Trough

Monocrystalline  
158.75 x 158.75mm



Shanghai Aerospace Automobile  
Electromechanical Co., Ltd.  
website: www.ht-saae.com



Factory :  
Lianyungang ShenZhou New Energy Co., Ltd.  
Turkey HT Solar Energy Joint Stock Company

PID

PID Resistant



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



Advanced surface treatment, lower surface reflection and 5BB cell design can reduce the series resistance and improve the module efficiency

1000 Pa

Certified to withstand dynamic mechanical load 1000 Pascal



Microcrack resistant  
Triple EL tested of high quality control.



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



Ammonia / Salt Mist  
Corrosion resistant

2%

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

Comprehensive and first-rate certification system

IEC61215: 2016, IEC61730: 2016 Latest Standard  
ISO9001, ISO14001 and OHSAS18001,  
meeting the highest international standards  
Strict quality control

Warranty partner



IEC 61215  
IEC 61730  
Regular Product  
Surveillance  
www.tuv.com

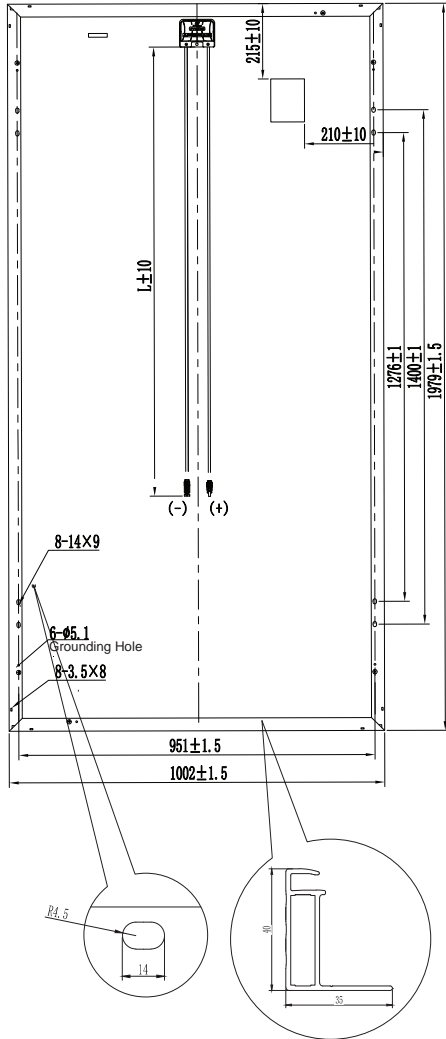


www.munichre.com/PVWarrantyPartner

\* Copyright@2018V3 Specifications are subject to change without further notification

## 380W/385W/390W/395W/400W/405W

### • Engineering Drawing



### • Electrical Characteristics

Module	HT72-156M / HT72-156M(V)					
Maximum Power at STC(Pmax)	380W	385W	390W	395W	400W	405W
Open-Circuit Voltage(Voc)	48.3V	48.4V	48.5V	48.6V	48.7V	48.8V
Short-Circuit Current(Isc)	10.34A	10.47A	10.55A	10.67A	10.79A	10.91A
Optimum Operating Voltage (Vmp)	39.9V	40.1V	40.3A	40.5V	40.7V	40.9V
Optimum Operating Current(Imp)	9.53A	9.61A	9.68A	9.76A	9.84A	9.91A
Module Efficiency	19.2%	19.4%	19.7%	19.9%	20.2%	20.4%
Power Tolerance	0 ~ +5W					
Maximum System Voltage	1000V / 1500V DC(IEC)					
Maximum Series Fuse Rating	15A					
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

### • NOCT

Module	HT72-156M / HT72-156M(V)					
Maximum Power	281W	285W	289W	293W	296W	300W
Open Circuit Voltage (Voc)	45.6V	45.7V	45.8V	45.9V	46.0V	46.1V
Short Circuit Current (Isc)	8.35A	8.45A	8.52A	8.62A	8.71A	8.81A
Maximum Power Voltage (Vmp)	37.7V	37.9V	38.1V	38.3V	38.5V	38.6V
Maximum Circuit Current (Imp)	7.45A	7.52A	7.59A	7.65A	7.69A	7.77A
NOCT	45°C ± 2°C					

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

### • Mechanical Characteristics

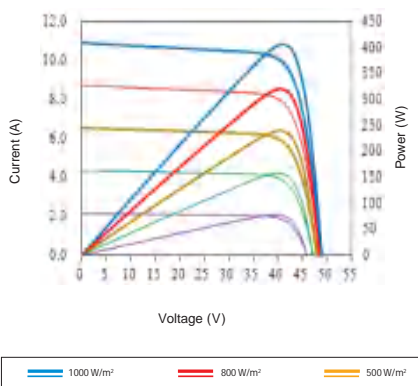
Solar Cells	Monocrystalline 158.75 × 158.75mm
No. of Cells	72 (6 × 12)
Dimensions	1979mm×1002mm×40mm
Weight	22.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm <sup>2</sup> (IEC) Length:1100MM
Connectors	MC+ / MC- Compatible
Packaging Configuration	27pcs / box, 594pcs / 40'HQ Container

### • Temperature Characteristics

Temperature Coefficient of Pmax	-0.39%/K
Temperature Coefficient of Voc	-0.29%/K
Temperature Coefficient of Isc	0.049%/K

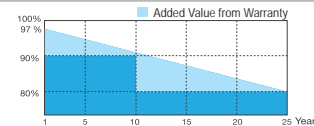
### • I-V Curves

Current-Voltage & Power-Voltage Curve



### • Warranty

10-year product warranty  
25-year warranty on power output  
Specific information is referred to the product quality guarantee



### • Information Box