

\* V means 1500V module

HT72-156M-C  
HT72-156M(V)-C

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



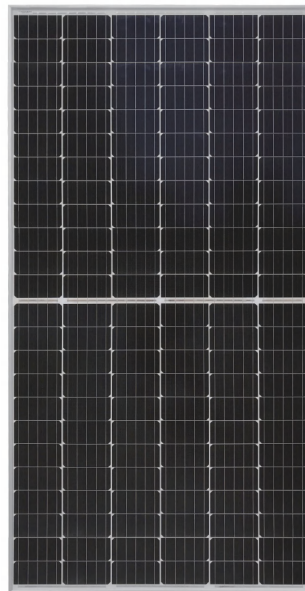
Factory :  
Lianyungang ShenZhou New Energy Co., Ltd.  
Turkey HT Solar Energy Joint Stock Company

NEW

Big Zise: Cell 158.75\*79.375

**385W / 390W**  
**395W / 400W / 405W**

- Module Efficiency: 20.10%
- No.of Cells: 144 (6 × 24)
- Weight: 23.0kg
- Dimensions: 2008mm×1002mm×40mm



● (Optional)  
Design of Water  
Leakage Trough

Monocrystalline  
158.75 × 79.375mm



**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**

10Ys  
Products  
Warranty

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

25Ys  
Warranty on  
power output



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

EL

**Microcrack resistant Double glass structure enhance reliability, triple EL tested of high quality control.**

5W

**Positive tolerance 0/+5w guaranteed**



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

PID

**PID Resistant**

**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 Production  
Surveillance  
www.tuv.com

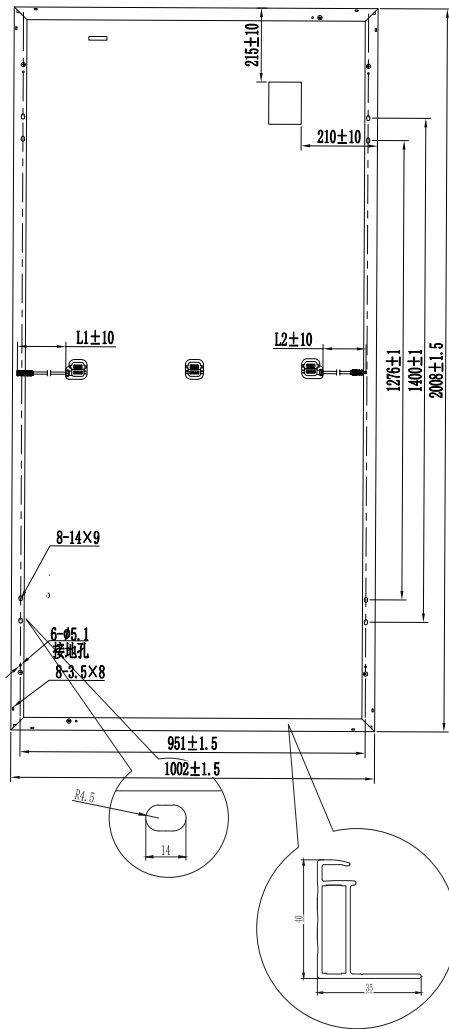
**Munich RE**



www.munichre.com/PVWarrantyPartner

MULTIWAY+

### Engineering Drawing



### Electrical Characteristics

Module	HT72-156M-C / HT72-156M(V)-C				
Maximum Power at STC(Pmax)	385W	390W	395W	400W	405W
Open-Circuit Voltage(Voc)	48.4V	48.5V	48.6V	48.7V	48.8V
Short-Circuit Current(Isc)	10.47A	10.55A	10.67A	10.79A	10.91A
Optimum Operating Voltage (Vmp)	40.1V	40.3V	40.5V	40.7V	40.9V
Optimum Operating Current(Imp)	9.61A	9.68A	9.76A	9.84	9.91A
Module Efficiency	19.1%	19.4%	19.6%	19.9%	20.1%
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-MC / HT72-156M(V)-MC				
Maximum Power	285W	289W	293W	296W	300W
Open Circuit Voltage (Voc)	45.7V	45.8V	45.9V	46.0V	46.1V
Short Circuit Current (Isc)	8.45A	8.52A	8.62A	8.71A	8.81A
Maximum Power Voltage (Vmp)	37.9V	38.1V	38.3V	38.5V	38.6V
Maximum Circuit Current (Imp)	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

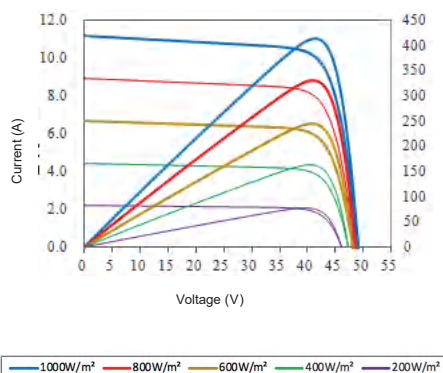
Solar Cells	Monocrystalline 158.75 × 79.375mm
No. of Cells	144 (6 × 24)
Dimensions	2008mm × 1002mm × 40mm
Weight	23 kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm <sup>2</sup> (IEC) Length: 1100mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	27pcs / box, 594pcs / 40'HQ Container

### Temperature Characteristics

Temperature Coefficient of Pmax	$\gamma$ (Pm)	-0.39%/K
Temperature Coefficient of Voc	$\beta$ (Voc)	-0.29%/K
Temperature Coefficient of Isc	$\alpha$ (Isc)	0.049%/K

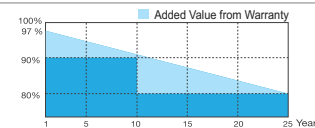
### I-V Curves

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