

\* V means 1500V module

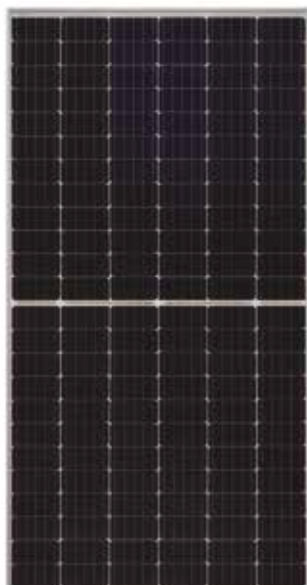
HT72-156M-C  
HT72-156M(V)-C

NEW

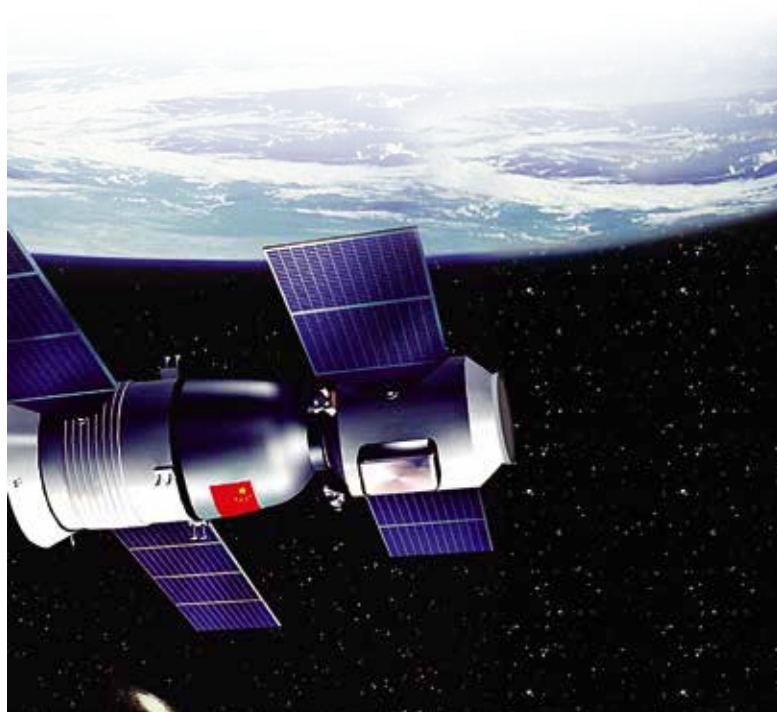
Big Size: Cell 158.75\*79.375

**390W / 395W**  
**400W / 405W / 410W**

- Module Efficiency: 20.40%
- No. of Cells: 144 (6 × 24)
- Weight: 22.5kg
- Dimensions: 2008mm×1002mm×35mm



Monocrystalline  
158.75 × 79.375mm



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



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



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



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

12Ys  
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**

UL 1703 Certified Products  
IEC61215: 2016.IEC61730: 2016 Latest Standard  
ISO9001, ISO14001 and OHSAS18001,  
meeting the highest international standards  
Strict quality control



Warranty partner



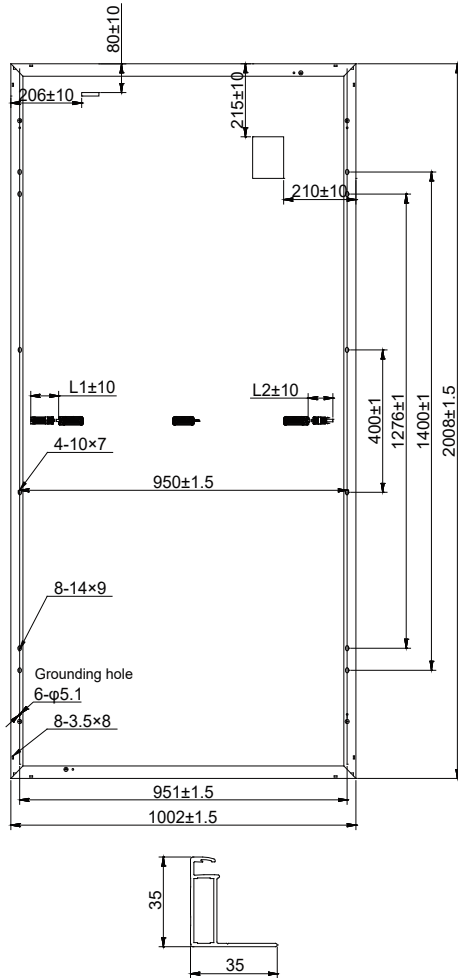
IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
www.tuv.com



www.munichre.com/PVWarrantyPartner

MULTIWAY+

### Engineering Drawing



### Electrical Characteristics

Module	HT72-156M-C / HT72-156M(V)-C				
Maximum Power at STC(Pmax)	390W	395W	400W	405W	410W
Open-Circuit Voltage(Voc)	48.5V	48.6V	48.7V	48.8V	48.9V
Short-Circuit Current(Isc)	10.55A	10.67A	10.79A	10.91A	11.03A
Optimum Operating Voltage (Vmp)	40.3V	40.5V	40.7V	40.9V	41.1V
Optimum Operating Current(Imp)	9.68A	9.76A	9.84	9.91A	9.98A
Module Efficiency	19.4%	19.6%	19.9%	20.1%	20.4%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1000V / 1500V DC(UL/IEC)				
Maximum Series Fuse Rating	15A/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

### NOCT

Module	HT72-156M-C / HT72-156M(V)-C				
Maximum Power	289W	293W	296W	300W	304W
Open Circuit Voltage (Voc)	45.8V	45.9V	46.0V	46.1V	46.2V
Short Circuit Current (Isc)	8.52A	8.62A	8.71A	8.81A	8.91A
Maximum Power Voltage (Vmp)	38.1V	38.3V	38.5V	38.6V	38.8V
Maximum Circuit Current (Imp)	7.59A	7.65A	7.69A	7.77A	7.84A
NOCT	45°C±2°C				

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

### Mechanical Characteristics

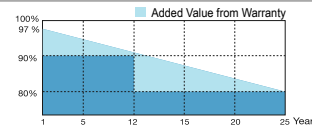
Solar Cells	Monocrystalline 158.75 × 79.375mm
No. of Cells	144 (6 × 24)
Dimensions	2008mm×1002mm×35mm
Weight	22.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm <sup>2</sup> (UL/IEC) Length:1200mm
Connectors	MC <sub>4</sub> / MC <sub>4</sub> Compatible
Packaging Configuration	30pcs / box, 715pcs / 40'HQ Container

### Temperature Characteristics

Temperature Coefficient of Pmax	γ (Pm)	-0.355%/ °C
Temperature Coefficient of Voc	β (Voc)	-0.275%/ °C
Temperature Coefficient of Isc	α (Isc)	+0.063%/ °C

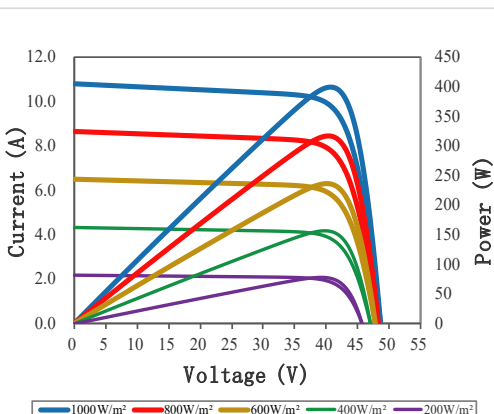
### Warranty

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



### I-V Curves

Current-Voltage & Power-Voltage Curve



### Information Box