

* V means 1500V module

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

NEW

Big Size: Cell 158.75*79.375

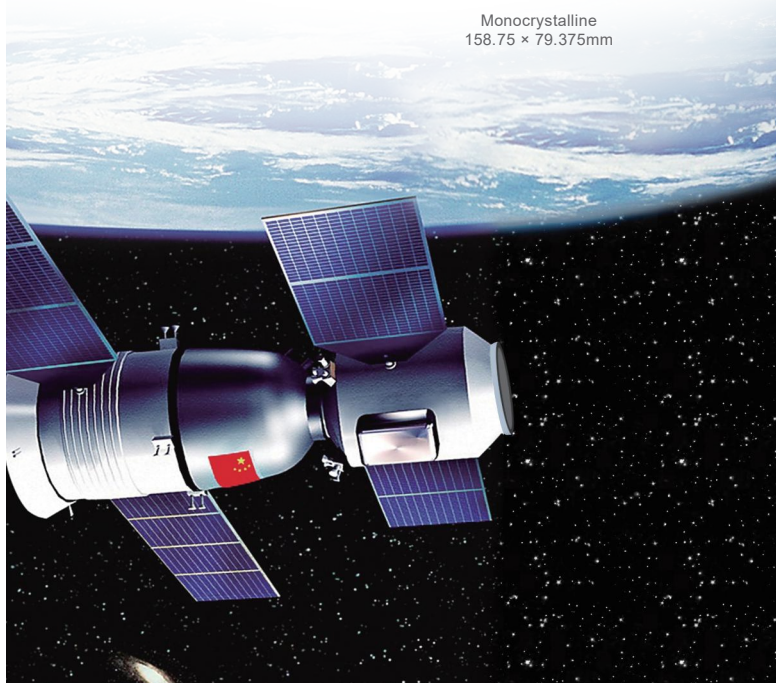
385W / 390W
395W / 400W / 405W

- Module Efficiency: 20.10%
- No. of Cells: 144 (6 × 24)
- Weight: 22.5kg
- Dimensions: 2008mm×1002mm×35mm



● (Optional)
Design of Water
Leakage Trough

Monocrystalline
158.75 × 79.375mm



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



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

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

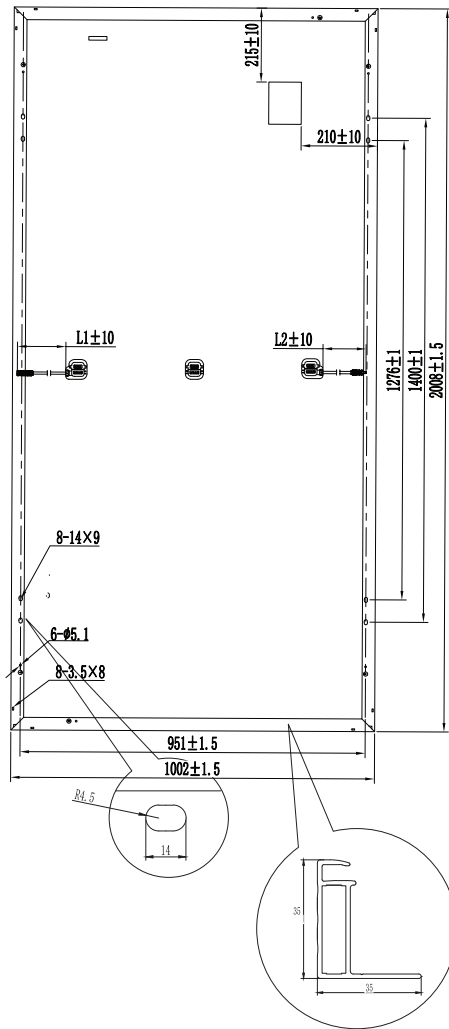
IEC61215: 2016, IEC61730: 2016 Latest Standard
ISO9001, ISO14001 and OHSAS18001,
meeting the highest international standards
Strict quality control



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



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/m², 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	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/m², ambient temperature 20 °C, wind speed 1 m/s

Mechanical Characteristics

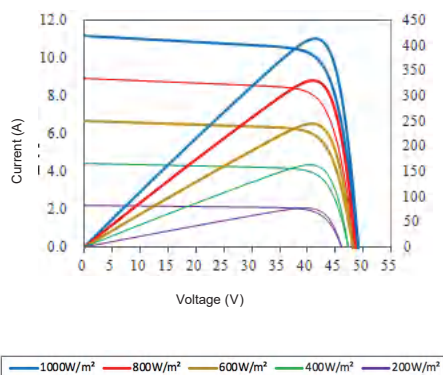
Solar Cells	Monocrystalline 158.75 × 79.375mm
No. of Cells	144 (6 × 24)
Dimensions	2008mm × 1002mm × 35mm
Weight	22.5 kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm ² (IEC) Length:(+)200mm, (-)300mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	30pcs / box, 660pcs / 40'HQ Container

Temperature Characteristics

Temperature Coefficient of Pmax	γ (Pm)	-0.39%/K
Temperature Coefficient of Voc	β (Voc)	-0.29%/K
Temperature Coefficient of Isc	α (Isc)	0.049%/K

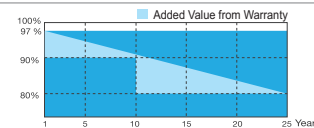
I-V Curves

Current-Voltage & Power-Voltage Curve



Warranty

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



Information Box