

* V means 1500V module

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

NEW

Big Zise: Cell 158.75*158.75

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



- Module Efficiency: 20.7%
- No. of Cells: 72 (6 × 12)
- Weight: 22.5kg
- Dimensions: 1970mm × 1000mm × 40mm



● (Optional)
Design of Water
Leakage Trough

Microcrystal film
158.75 × 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

10Ys

Products
Warranty



MBB The optimized number and width of main gate lines, Maximize the light receiving area of components and Reduce component power consumption

25Ys

Warranty on
power output



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

PID

PID Resistant

EL

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



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



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

5W

Positive tolerance
0/+5w guaranteed

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



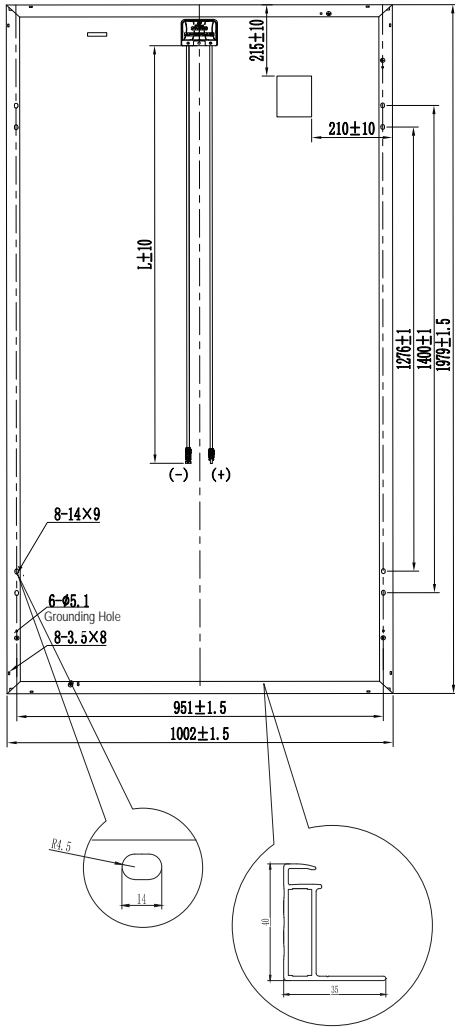
IEC 61215
IEC 61730
Regular Production
Surveillance
www.tuv.com



www.munichre.com/PVWarrantyPartner

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

• Engineering Drawing



• Electrical Characteristics

Module	HT72-156M-M / HT72-156M(V)-M				
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	9.84A	9.91A	9.98A
Module Efficiency	19.7%	19.9%	20.2%	20.4%	20.7%
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-M / HT72-156M(V)-M				
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/m², ambient temperature 20 °C, wind speed 1 m/s

• Mechanical Characteristics

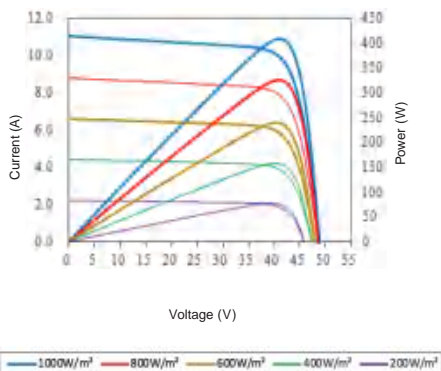
Solar Cells	Monocrystalline 158.75 x 158.75mm
No. of Cells	72 (6 x 12)
Dimensions	1979mm x 1002mm x 40mm
Weight	22.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm ² (IEC) Cable Length : 1100mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	27pcs / box, 594pcs / 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

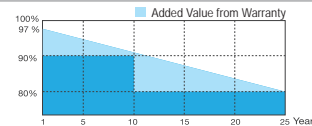
• I-V Curves

Current-Voltage & Power-Voltage Curve



• Warranty

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



• Information Box