

* V means 1500V module

HT60-156M-MC
HT60-156M(V)-MC

NEW

Big Zise: Cell 158.75*79.375

325W / 330W
335W / 340W / 345W

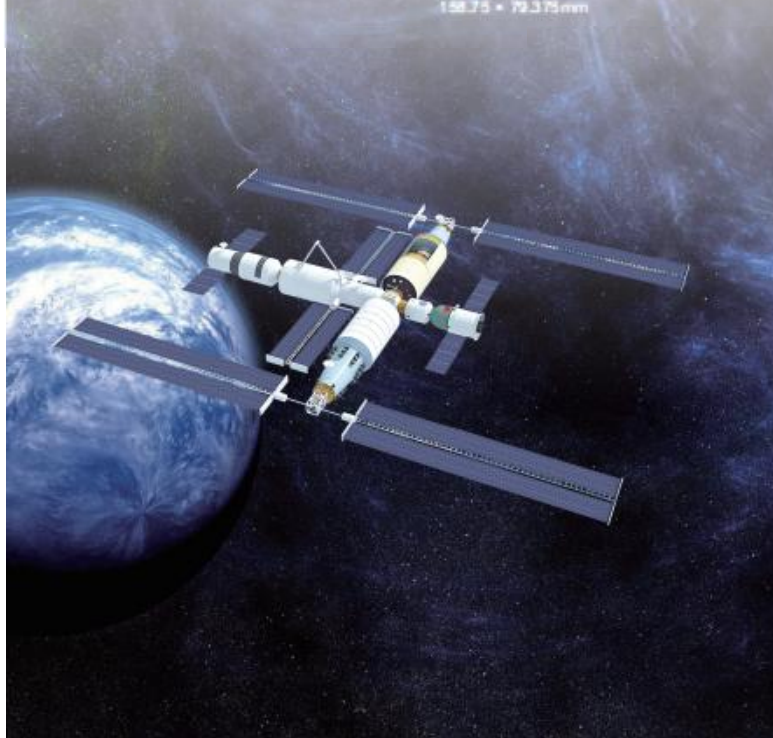


- Module Efficiency: 20.4%
- Rows of Cells: 120 (6 × 20)
- Weight: 19.0g
- Dimensions: 1664mm × 1002mm × 35mm



● (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

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

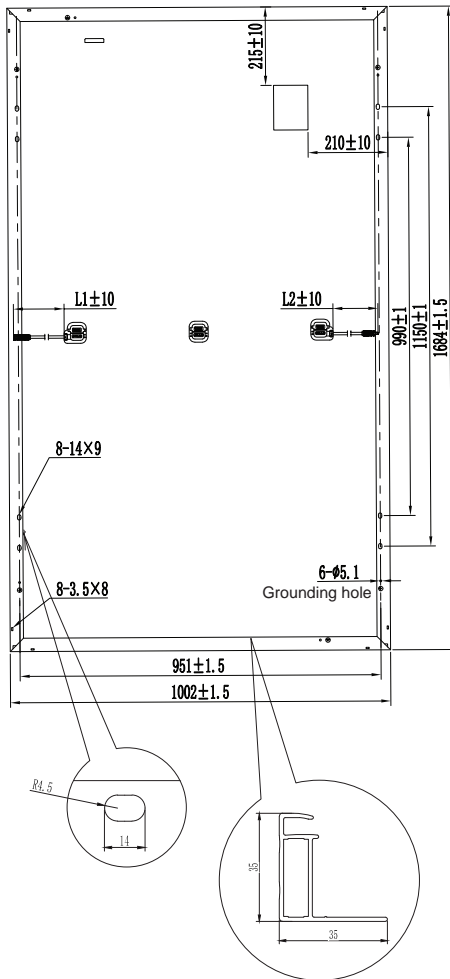
Munich RE



www.munichre.com/PVWarrantyPartner

325W/330W/335W/340W/345W

• Engineering Drawing



• Electrical Characteristics

Module	HT60-156M-MC / HT60-156M(V)-MC				
Maximum Power at STC(Pmax)	325W	330W	335W	340W	345W
Open-Circuit Voltage(Voc)	40.3V	40.4V	40.5V	40.6V	40.7V
Short-Circuit Current(Isc)	10.61A	10.74A	10.87A	11.00A	11.14A
Optimum Operating Voltage (Vmp)	33.9V	34.1V	34.3V	34.5V	34.7V
Optimum Operating Current(Imp)	9.60A	9.69A	9.78A	9.87A	9.96A
Module Efficiency	19.3%	19.6%	19.9%	20.1%	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/m², module temperature 25, AM=1.5
Optional black frame or white frame module according to customer requirements

• NOCT

Module	HT60-156M-MC / HT60-156M(V)-MC				
Maximum Power	241W	244W	248W	252W	256W
Open Circuit Voltage (Voc)	38.1V	38.2V	38.3V	38.4V	38.5V
Short Circuit Current (Isc)	8.57A	8.67A	8.78A	8.88A	8.99A
Maximum Power Voltage (Vmp)	32.0V	32.2V	32.4V	32.6V	32.8V
Maximum Circuit Current (Imp)	7.53A	7.58A	7.65A	7.73A	7.80A
NOCT	45°C ± 2°C				

*NOCT: Irradiance 800W/m², ambient temperature 20 °C, wind speed 1 m/s

• Mechanical Characteristics

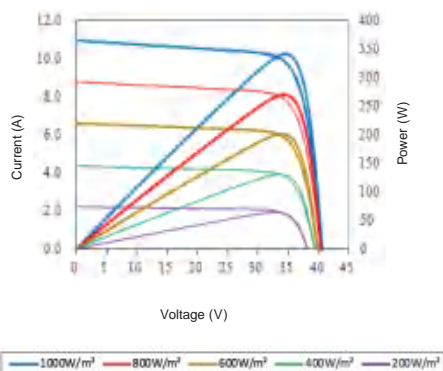
Solar Cells	Monocrystalline 158.75 × 79.375mm
No. of Cells	120 (6 × 20)
Dimensions	1684mm × 1002mm × 35mm
Weight	19.0kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm ² (IEC) Length: 900mm
Connectors	MC ⁺ / MC ⁺ Compatible
Packaging Configuration	30pcs / box, 780pcs / 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

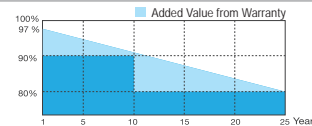
• I-V Curves

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