

* V means 1500V module

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

NEW

Big Size: Cell 158.75*158.75

320W / 325W / 330W
335W / 340W



- Module Efficiency: 20.4%
- No. of Cells: 60 (6 × 10)
- Weight: 18.9kg
- Dimensions: 1665mm × 1002mm × 35mm



Monocrystalline
158.75 × 158.75mm

● (Optional)
Design of Water
Leakage Trough

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

Warranty partner



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

Munich RE

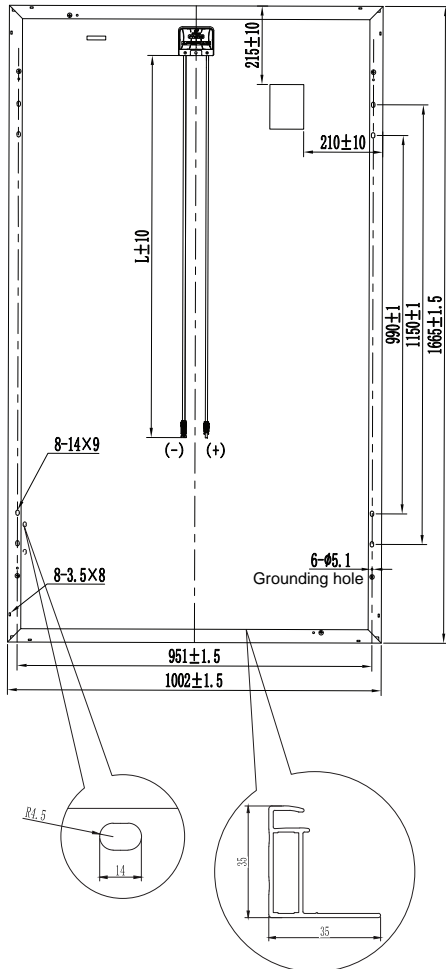


www.munichre.com/PVWarrantyPartner

MULTI WAY+

320W/325W/330W/335W/340W

Engineering Drawing



Electrical Characteristics

Module	HT60-156M-M / HT60-156M(V)-M				
Maximum Power at STC(Pmax)	320W	325W	330W	335W	340W
Open-Circuit Voltage(Voc)	40.2V	40.3V	40.4V	40.5V	40.6V
Short-Circuit Current(Isc)	10.49A	10.61A	10.74A	10.87A	11.00A
Optimum Operating Voltage (Vmp)	33.8V	33.9V	34.1V	34.3V	34.5V
Optimum Operating Current(Imp)	9.49A	9.60A	9.69A	9.78A	9.87A
Module Efficiency	19.20%	19.50%	19.80%	20.10%	20.40%
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-M / HT60-156M(V)-M				
Maximum Power	237W	241W	244W	248W	252W
Open Circuit Voltage (Voc)	38.0V	38.1V	38.2V	38.3V	38.4V
Short Circuit Current (Isc)	8.47A	8.57A	8.67A	8.78A	8.88A
Maximum Power Voltage (Vmp)	31.9V	32.0V	32.2V	32.4V	32.6V
Maximum Circuit Current (Imp)	7.43A	7.53A	7.58A	7.65A	7.73A
NOCT	45°C±2°C				

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

Mechanical Characteristics

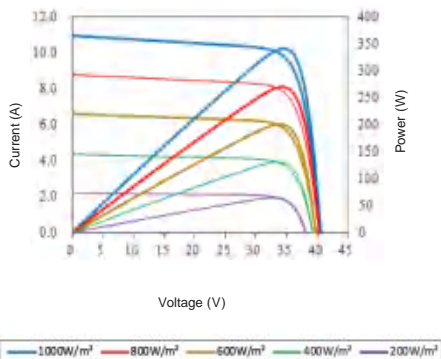
Solar Cells	Monocrystalline 158.75 × 158.75mm
No. of Cells	60 (6 × 10)
Dimensions	1665mm×1002mm×35mm
Weight	18.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm ² (IEC) Cable Length : 900mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	30pcs / box, 840pcs / 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

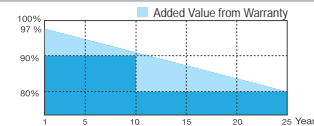
I-V Curves

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