

* V means 1500V module

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

NEW

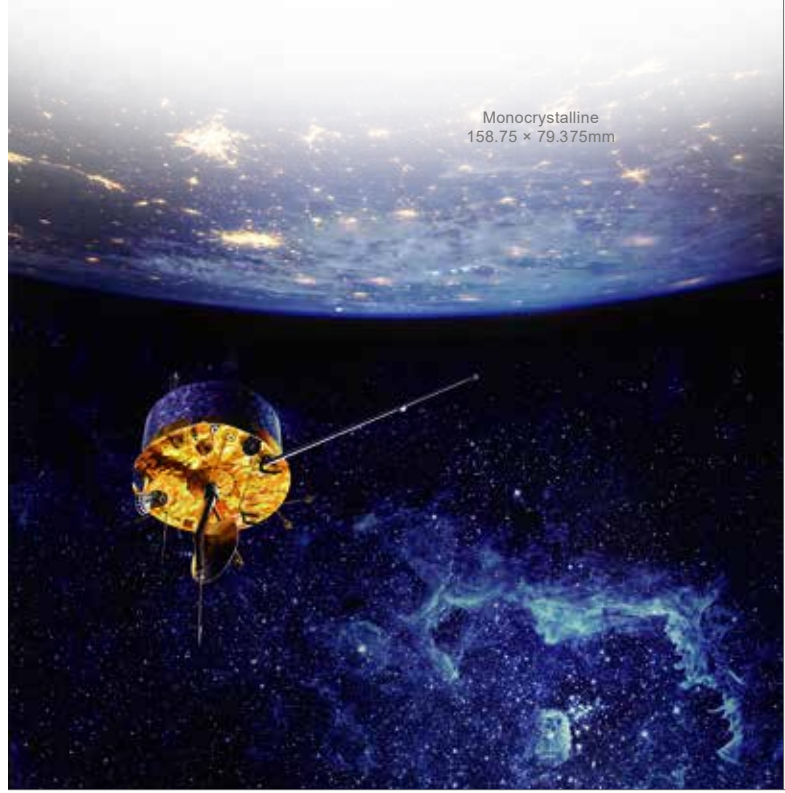
Big Size: Cell 158.75*79.375

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



- Module Efficiency: 20.1%
- No. of Cells: 60 (6 × 20)
- Weight: 19.0kg
- Dimensions: 1684mm×1002mm×35mm

Monocrystalline
158.75 × 79.375mm



Shanghai Aerospace Automobile
Electromechanical Co., Ltd.
website: www.htsolar.com.tr



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

12Ys
Products
Warranty



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

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



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

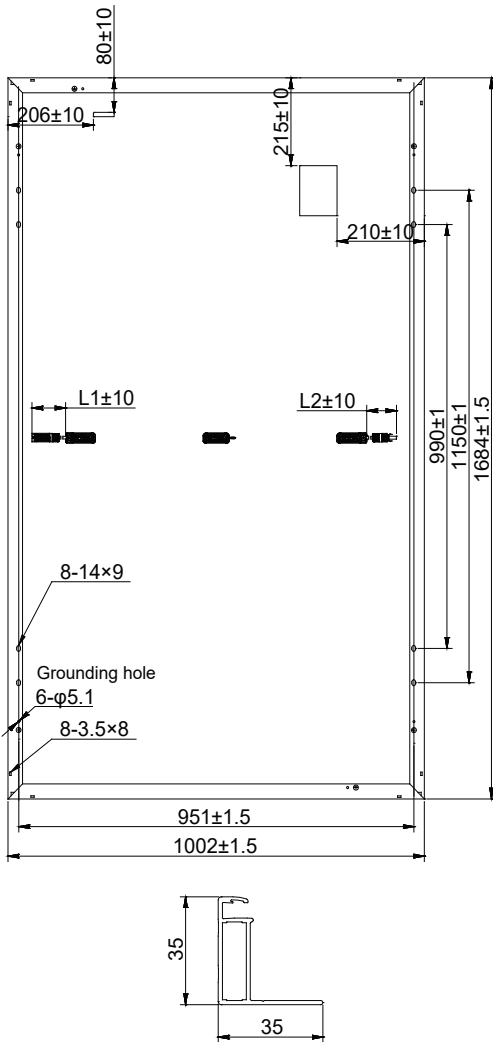


www.munichre.com/PVWarrantyPartner

MULTIWAY+

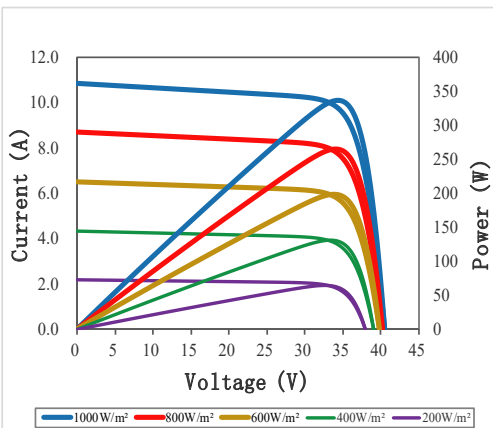
320W/325W/330W/335W/340W

• Engineering Drawing



• I-V Curves

Current-Voltage & Power-Voltage Curve



• Electrical Characteristics

Module	HT60-156M-C / HT60-156M(V)-C				
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	19.0%	19.3%	19.6%	19.9%	20.1%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1000V / 1500V DC(UL/IEC)				
Maximum Series Fuse Rating	15/20A				
Operating Temperature	-40 °C to +85 °C				

*STC: Irradiance 1000W/m², module temperature 25 °C, AM=1.5
Optional black frame or white frame module according to customer requirements

• NOCT

Module	HT60-156M-C / HT60-156M(V)-C				
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

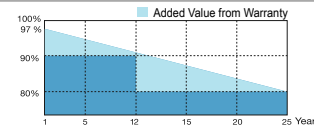
Solar Cells	Monocrystalline 158.75 × 79.375mm
No. of Cells	120 (6 × 20)
Dimensions	1684mm × 1002mm × 35mm
Weight	19.0kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm ² (UL/IEC) Length: 1000mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	30pcs / box, 910pcs / 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



• Information Box