

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

* V means 1500V module

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



- Module Efficiency: 20+ %
- No. of Cells: 120 (6*20)
- Weight: 19.0kg
- Dimensions: 1665mm× 992mm×35mm

● (Optional)
Design of Water
Leakage Trough
Monocrystalline

HT-SAAE started on solar technology research for China's Satellite Application since 1960

Shanghai Aerospace Automobile
Electromechanical Co., Ltd
website: www.ht-saae.com.au



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

12Ys
Products
Warranty



5BB 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

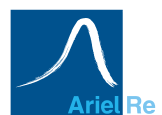
Positive tolerance 0/+5w guaranteed

Comprehensive and first-rate certification system

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



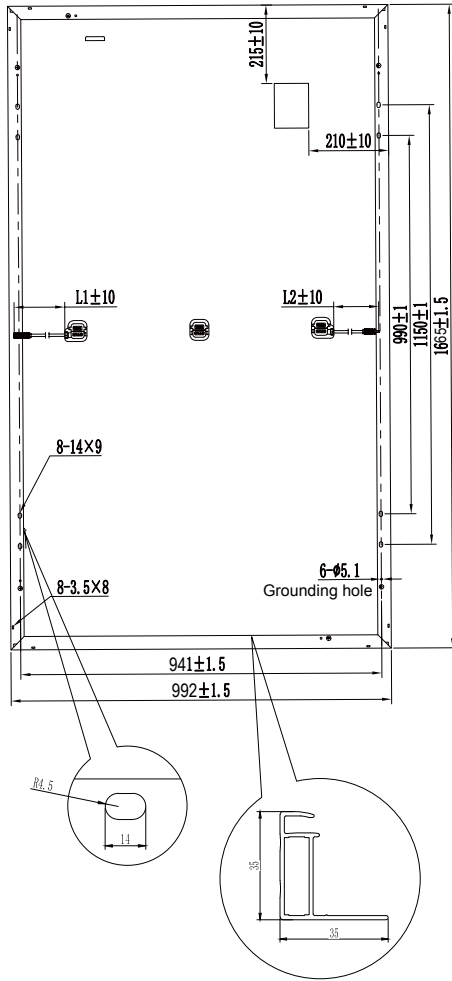
IEC 61215
IEC 61730
Regular Production
Surveillance
www.tuv.com



MULTIWAY+

315W/320W/325W/330W/335W

• Engineering Drawing



• Electrical Characteristics

Module	HT60-156M-C / HT60-156M(V)-C				
Maximum Power at STC(Pmax)	320W	325W	330W	335W	349W
Open-Circuit Voltage(Voc)	40.6V	40.8V	41.0V	41.2V	41.4V
Short-Circuit Current(Isc)	10.34A	10.45A	10.56A	10.67A	10.76A
Optimum Operating Voltage (Vmp)	33.7V	33.9V	34.1V	34.3V	34.5V
Optimum Operating Current(Imp)	9.51A	9.60A	9.69A	9.78A	9.87A
Module Efficiency	19.4%	19.7%	20.0%	20.3%	20.6%
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-C / HT60-156M(V)-C				
Maximum Power	237W	241W	244W	248W	252W
Open Circuit Voltage (Voc)	38.4V	38.6V	38.7V	38.9V	39.1V
Short Circuit Current (Isc)	8.35A	8.44A	8.53A	8.62A	8.71A
Maximum Power Voltage (Vmp)	31.8V	32.0V	32.2V	32.4V	32.6V
Maximum Circuit Current (Imp)	7.45A	7.53A	7.58A	7.63A	7.68A
NOCT	45°C ± 2°C				

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

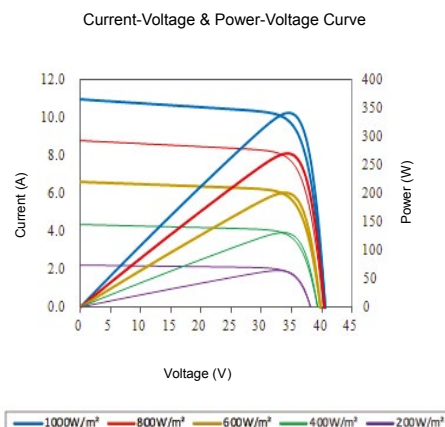
• Mechanical Characteristics

Solar Cells	Monocrystalline 156.75 × 78.375mm
No. of Cells	120 (6 × 20)
Dimensions	1665mm × 992mm × 35mm
Weight	19.0kg
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, 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



• Warranty

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

• Information Box