

* V means 1500V module

HT72-156P-MC HT72-156P(V)-MC

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

NEW

POWER OUTPUT

360W / 365W 370W / 375W / 380W



- Module Efficiency: 19.2%
- Total Cells: 144 (6 × 24)
- Weight: 23.0g
- Dimensions: 1967mm × 992mm × 40mm



• (Optional)
Design of Water
Leakage Trough

Polycrystalline
156.75 × 75.375mm

MULTIWAY



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

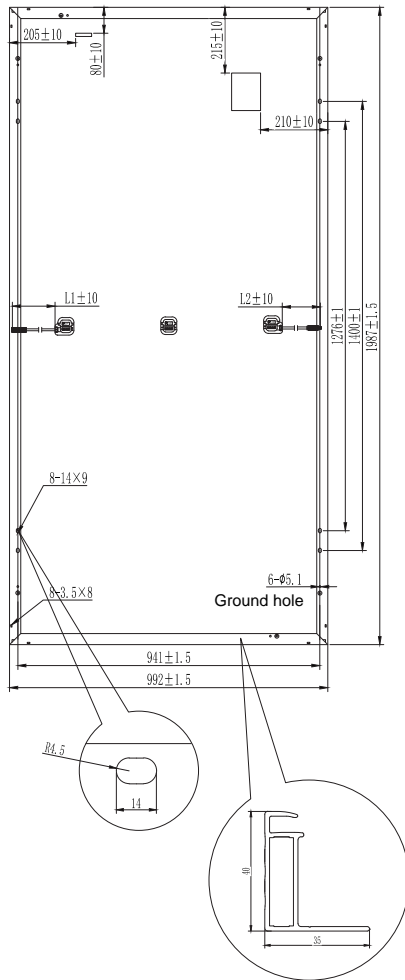
Comprehensive and first-rate certification system

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



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

Engineering Drawing



Electrical Characteristics

Module	HT72-156P-MC / HT72-156P(V)-MC				
Maximum Power at STC(Pmax)	360W	365W	370W	375W	380W
Open-Circuit Voltage(Voc)	47.4V	47.6V	47.8V	47.9V	48V
Short-Circuit Current(Isc)	10.01A	10.11A	10.2A	10.3A	10.4A
Optimum Operating Voltage (Vmp)	39.8V	40.1V	40.4V	40.7V	41V
Optimum Operating Current(Imp)	9.06A	9.11A	9.17A	9.22A	9.28A
Module Efficiency	18.26%	18.52%	18.77%	19.02%	19.28%
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	HT72-156P-MC / HT72-156P(V)-MC				
Maximum Power	266W	269W	273W	277W	280W
Open Circuit Voltage (Voc)	44.5V	44.7V	44.9V	45V	45.1V
Short Circuit Current (Isc)	8.08A	8.16A	8.24A	8.32A	8.4A
Maximum Power Voltage (Vmp)	37.4V	37.7V	37.9V	38.2V	38.5V
Maximum Circuit Current (Imp)	7.11A	7.14A	7.2A	7.25A	7.27A
NOCT	45°C ± 2°C				

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

Mechanical Characteristics

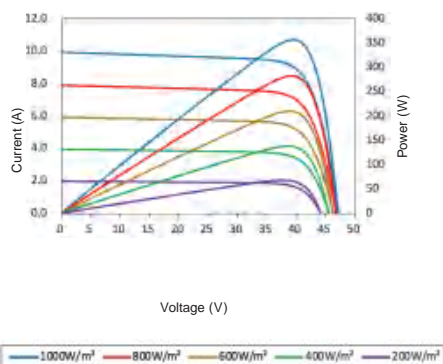
Solar Cells	Polycrystalline 156.75 x 78.375mm
No. of Cells	144 (6 x 24)
Dimensions	1987mm x 992mm x 40mm
Weight	23.0kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm ² (IEC)
Connectors	MC4 / MC4 Compatible
Packaging Configuration	26pcs / box, 572pcs / 40'HQ Container

Temperature Characteristics

Temperature Coefficient of Pmax	γ (Pm)	-0.41%/K
Temperature Coefficient of Voc	β (Voc)	-0.32%/K
Temperature Coefficient of Isc	α (Isc)	0.050%/K

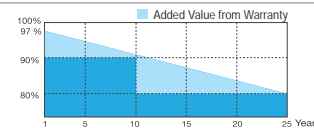
I-V Curves

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