

\*V means 1500V module

# HT72-156M HT72-156M(V)

## POWER OUTPUT

**355W / 360W / 365W  
370W / 375W / 380W**



- Module Efficiency: 19.3%
- No. of Cells: 72 (6 × 12)
- Weight: 22.5kg
- Dimensions: 1956mm×992mm×40mm



● (Optional) Design of Water Leakage Trough  
Monocrystalline  
156.75 × 156.75mm



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

PID  
PID Resistant



Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs



Advanced surface treatment, lower surface reflection and 5BB cell design can reduce the series resistance and improve the module efficiency

1000Pa

Certified to withstand dynamic mechanical load 1000 Pascal



Microcrack resistant  
Triple EL tested of high quality control.



Entire module certified to withstand extreme wind (2400 Pa) and snow loads (5400 Pa)



Ammonia / Salt Mist  
Corrosion resistant

2%

All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

### Comprehensive and first-rate certification system

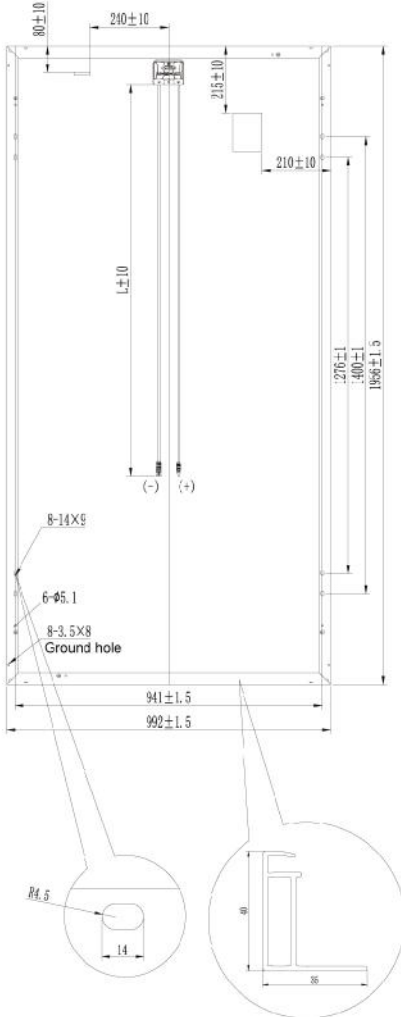
IEC61215: 2016, IEC61730: 2016 Latest Standard  
ISO9001, ISO14001 and OHSAS18001,  
meeting the highest international standards  
Strict quality control



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

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### Engineering Drawing



### Electrical Characteristics

Module	HT72-156M / HT72-156M(V)					
Maximum Power at STC(Pmax)	355W	360W	365W	370W	375W	380W
Open-Circuit Voltage(Voc)	47.5V	47.7V	47.9V	48.1V	48.3V	48.5V
Short-Circuit Current(Isc)	9.69A	9.76A	9.83A	9.90A	9.97A	10.04A
Optimum Operating Voltage (Vmp)	38.7V	39.1V	39.5A	39.9V	40.3V	40.7V
Optimum Operating Current(Imp)	9.19A	9.23A	9.26A	9.30A	9.33A	9.36A
Module Efficiency	18.3%	18.6%	18.8%	19.0%	19.3%	19.6%
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/m<sup>2</sup>, module temperature 25, AM=1.5  
Optional black frame or white frame module according to customer requirements

### NOCT

Module	HT72-156M / HT72-156M(V)					
Maximum Power	262W	266W	269W	273W	277W	280W
Open Circuit Voltage (Voc)	44.4V	44.6V	44.8V	45.0V	45.1V	45.3V
Short Circuit Current (Isc)	7.83A	7.88A	7.94A	8.00A	8.05A	8.11A
Maximum Power Voltage (Vmp)	36.1V	36.5V	36.9V	37.2V	37.6V	38.0V
Maximum Circuit Current (Imp)	7.25A	7.28A	7.30A	7.33A	7.35A	7.38A
NOCT	45°C ± 2°C					

\*NOCT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20 °C, wind speed 1 m/s

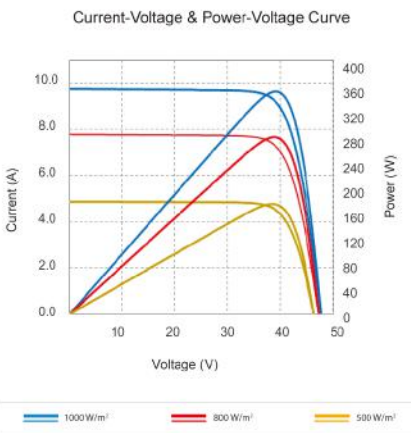
### Mechanical Characteristics

Solar Cells	Monocrystalline 156.75 × 156.75mm
No. of Cells	72 (6 × 12)
Dimensions	1956mm × 992mm × 40mm
Weight	22.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm <sup>2</sup> (IEC)
Connectors	MC4 / MC4 Compatible
Packaging Configuration	26pcs / box, 572pcs / 40'HQ Container

### Temperature Characteristics

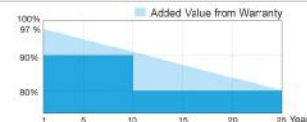
Temperature Coefficient of Pmax	-0.39%/K
Temperature Coefficient of Voc	-0.29%/K
Temperature Coefficient of Isc	0.049%/K

### 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