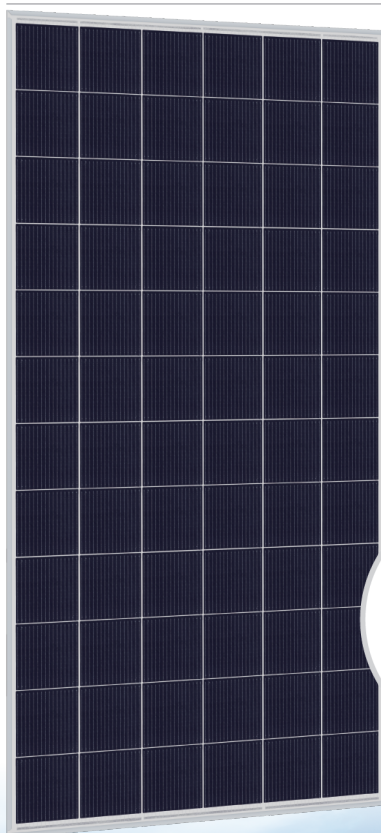


\* V means 1500V module

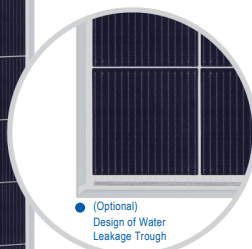
HT72-156P-M  
HT72-156P(V)-M

**POWER OUTPUT**

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



- Module Efficiency: 19.33%
- No. of Cells: 72 (6 × 24)
- Weight: 22.5kg
- Dimensions: 1956mm×992mm×40mm



Polycrystalline  
156.75 × 156.75mm

● (Optional)  
Design of Water  
Leakage Trough



Shanghai Aerospace Automobile  
Electromechanical Co., Ltd.  
website: [www.ht-saae.com](http://www.ht-saae.com)

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

10Ys

**Products  
Warranty**

25Ys

**Warranty on  
power output**

PID  
**PID Resistant**

EL

**Microcrack  
resistant  
Double glass  
structure enhance  
reliability, triple EL  
tested of high  
quality control.**



**Entire module  
certified to with  
stand extreme wind  
(2400 Pa) and snow  
loads (5400 Pa)**



**MBB The optimized  
number and width of  
main gate lines,  
Maximize the light  
receiving area of  
components and  
Reduce component  
power consumption**



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



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

5W

**Positive tolerance  
0/+5w guaranteed**

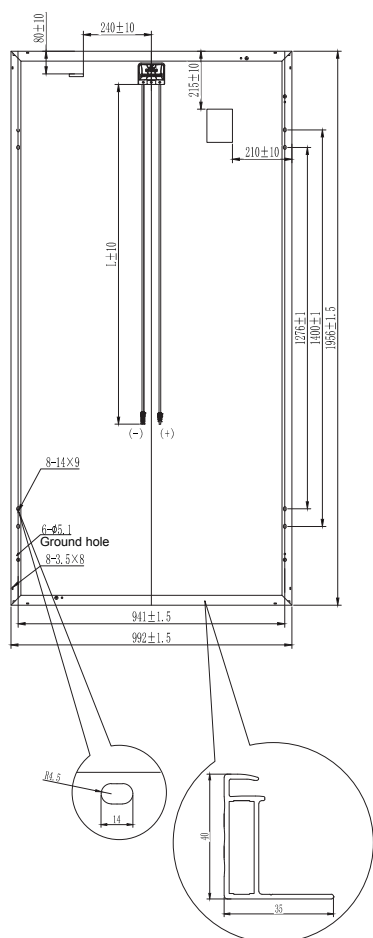
**Comprehensive and first-rate  
certification system**

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](http://www.tuv.com)

## Engineering Drawing



## Electrical Characteristics

Module	HT72-156P-M / HT72-156P(V)-M				
Maximum Power at STC(P <sub>max</sub> )	355W	360W	365W	370W	375W
Open-Circuit Voltage(V <sub>oc</sub> )	47.1V	47.3V	47.5V	47.7V	47.8V
Short-Circuit Current(I <sub>sc</sub> )	9.92A	10.02A	10.11A	10.21A	10.31A
Optimum Operating Voltage (V <sub>mp</sub> )	39.4V	39.7V	40V	40.3V	40.6V
Optimum Operating Current(I <sub>mp</sub> )	9.02A	9.08A	9.13A	9.19A	9.25A
Module Efficiency	18.30%	18.55%	18.81%	19.07%	19.33%
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	HT72-156P-M / HT72-156P(V)-M				
Maximum Power	262W	273W	277W	266W	269W
Open Circuit Voltage (V <sub>oc</sub> )	44.2V	44.8V	44.9V	44.4V	44.6V
Short Circuit Current (I <sub>sc</sub> )	8.01A	8.25A	8.33A	8.09A	8.16A
Maximum Power Voltage (V <sub>mp</sub> )	37V	37.8V	38.1V	37.3V	37.6V
Maximum Circuit Current (I <sub>mp</sub> )	7.08A	7.22	7.27	7.13	7.15
NOCT	45°C ±2°C				

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

## Mechanical Characteristics

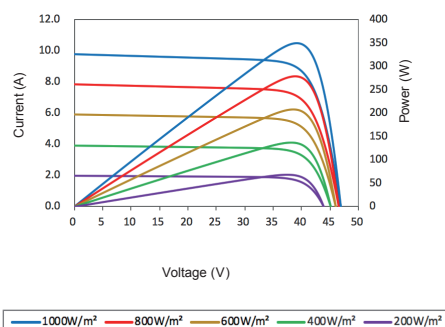
Solar Cells	Polycrystalline 156.75 × 156.75mm
No. of Cells	72 (6 × 12)
Dimensions	1956mm×992mm×40mm
Weight	22.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm <sup>2</sup> (IEC)
Connectors	MC4 / MC4 Compatible
Packaging Configuration	26pcs /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

## Temperature Characteristics

Temperature Coefficient of P <sub>max</sub>	γ (P <sub>m</sub> )	-0.41%/K
Temperature Coefficient of V <sub>oc</sub>	β (V <sub>oc</sub> )	-0.32%/K
Temperature Coefficient of I <sub>sc</sub>	α (I <sub>sc</sub> )	0.050%/K

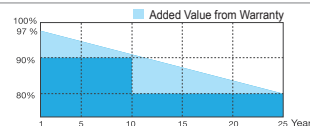
## I-V Curves

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