

* V means 1500V module

HT72-156M(PD) HT72-156M(PDV)

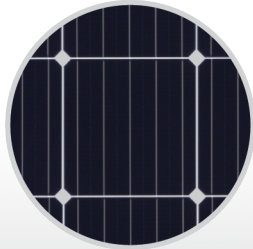
POWER OUTPUT

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



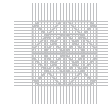
- Module Efficiency: 19.4%
- No. of Cells: 72 (6 × 12)
- Weight: 30kg
- Dimensions: 1978*992*6.5mm

Monocrystalline
156.75 × 156.75mm



Shanghai Aerospace Automobile
Electromechanical Co., Ltd.

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



Double glass structure
which enhance the
reliability of
anti-microcracks,
reduce the snail
tracks phenomenon

10Ys

Products
Warranty

30Ys

Warranty on
power output



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

EL

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



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.

PID

PID Resistant

5W

Positive tolerance
0/+5w guaranteed

Comprehensive and first-rate certification system

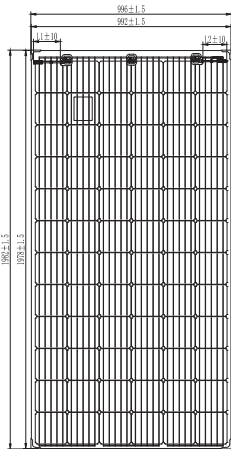
IEC61215: 2016, IEC61730: 2016 Latest Standard
ISO9001, ISO14001 and OHSAS18001,
meeting the highest international standards
Strict quality control



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

Engineering Drawing

Frameless



Electrical Characteristics

Module	HT72-156M(PD) / HT72-156M(PDV)					
Maximum Power at STC(Pmax)	355W	360W	365W	370W	375W	380W
Open-Circuit Voltage(Voc)	47.2V	47.4V	47.5V	47.7V	47.8V	48.0V
Short-Circuit Current(Isc)	9.66A	9.75A	9.84A	9.93A	10.02A	10.11A
Optimum Operating Voltage (Vmp)	39.1V	39.5V	39.9V	40.3V	40.7V	41.1V
Optimum Operating Current(Imp)	9.08A	9.12A	9.15A	9.19A	9.22A	9.26A
Module Efficiency	18.1%	18.3%	18.6%	18.9%	19.1%	19.4%
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	HT72-156M(PD) / HT72-156M(PDV)					
Maximum Power	262W	266W	269W	273W	277W	280W
Open Circuit Voltage (Voc)	44.0V	44.2V	44.3V	44.4V	44.6V	44.7V
Short Circuit Current (Isc)	7.81A	7.89A	7.96A	8.03A	8.10A	8.18A
Maximum Power Voltage (Vmp)	36.4V	36.8V	37.2V	37.5V	37.9V	38.3V
Maximum Circuit Current (Imp)	7.19A	7.22A	7.25A	7.27A	7.30A	7.32A
NOCT	45°C ±2°C					

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

Mechanical Characteristics

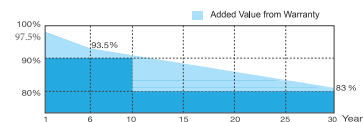
Solar Cells	Monocrystalline 156.75 × 156.75mm
No. of Cells	72 (6 × 12)
Dimensions	1978*992*6.5mm
Weight	30kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm ² (IEC), 150mm(Positive), 250mm(Negative)
Packaging Configuration	33pcs/box, 726pcs/40'HQ 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

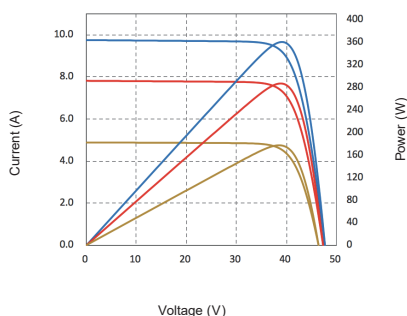
Warranty

10-year product warranty
30-year warranty on power output
Specific information is referred to the product quality guarantee



I-V Curves

Current-Voltage & Power-Voltage Curve



Legend: 1000 W/m² (blue), 800 W/m² (red), 500 W/m² (yellow)

Information Box