HT-SAAE

Reliable State-owned Enterprise Deliver Solar Power since 1960s

HIGHWAY

HT72-156M
HT72-156M(V) * V means 1500V module
340W-360W

IEC 61215:2016
IEC 61730:2016

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

18.6%
Module Efficiency

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

1000Pa
Certified to withstand dynamic mechanical load 1000 Pascal

Pkw
Higher module's output power

PID
PID resistant

NH3
Ammonia corrosion resistant
Salt Mist Corrosion resistant

Microcrack resistant
Triple EL tested of high quality control.

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

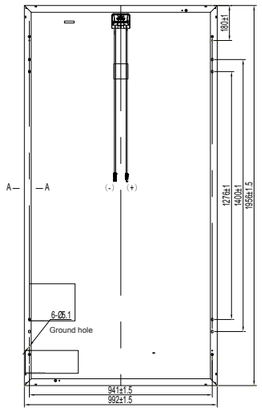
ISO
Strict quality control, meeting the highest international standards: ISO 9001, ISO14001 and OHSAS18001

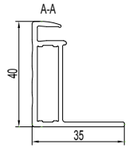
2%
All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

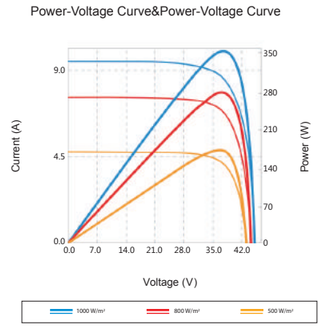
Comprehensive and first-rate certification system

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

Engineering Drawing







I-V Curves

Electrical Charateristricts

Module	HT72-156M/ HT72-156M(V)				
Maximum Power at STC(Pmax)	340W	345W	350W	355W	360W
Open-Circuit Voltage(Voc)	46.5V	46.7V	46.9V	47.1V	47.3V
Short-Circuit Current(Isc)	9.63A	9.72A	9.81A	9.90A	9.99A
Optimum Operating Voltage (Vmp)	38.0V	38.1A	38.3V	38.5V	38.7V
Optimum Operating Current(Imp)	8.97A	9.06A	9.15A	9.23A	9.31A
Module Efficiency	17.5%	17.8%	18.0%	18.3%	18.6%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1000V/1500V DC(IEC)				
Maximum Series Fuse Rating	15A				
Operating Temperature	-40 ℃ to + 85 ℃				

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 / HT72-156M(V)				
Maximum Power	252W	256W	259W	263W	267W
Open Circuit Voltage （Voc）	43.9V	44.1V	44.3V	44.5V	44.7V
Short Circuit Current (Isc)	7.78A	7.85A	7.92	7.99A	8.07A
Maximum Power Voltage (Vmp)	35.9V	36.0V	36.2V	36.4V	36.6V
Maximum Circuit Current (Imp)	7.01A	7.10A	7.16A	7.23A	7.29A
NOCT	44 ℃ ± 2 ℃				

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

Mechanical Characteristics

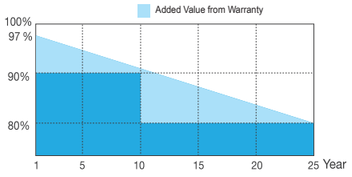
Solar Cells	Monocrystalline 156.75 × 156.75mm
No.of Cells	72 (6 × 12)
Dimensions	1956 × 992 × 40mm (77.0 × 39.1 × 1.6in)
Weight	22.5kg（49.6lbs）
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm² (IEC)
Connectors	MC4/MC4 Compatible
Packaging Configuration	26pcs/box, 572pcs/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

10ys 10-year product warranty
25ys 25-year warranty on power output



Information Box

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

Factory : Lianyungang ShenZhou New Energy Co., Ltd.

The module recycling should be carried out by the professional institutions at the the end of module life cycle