Reliable State-owned Enterprise Deliver Solar Power since 1960s

HT-SAAE

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

HT72-156M

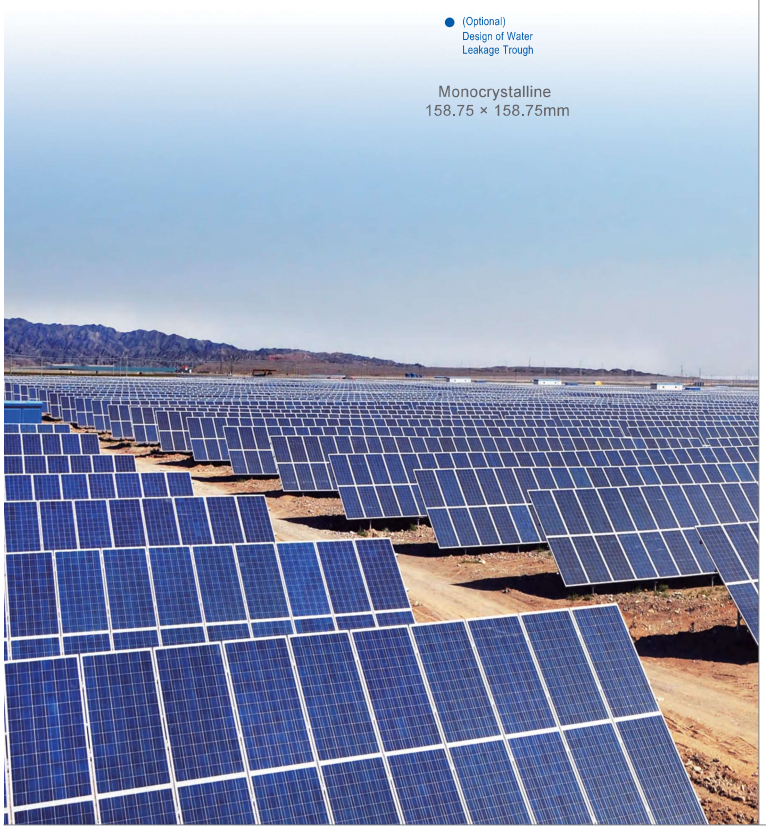
FULL BLACK

NEW

Big Zise: Cell 158.75*158.75

380W / 385W / 390W
395W / 400W / 405W

- Module Efficiency: 20.4%
- No.of Cells: 72 (6 × 12)
- Weight: 22.5kg
- Dimensions: 1979mm×1002mm×40mm



- (Optional) Design of Water Leakage Trough

Monocrystalline
158.75 × 158.75mm

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

1000 Pa

Certified to withstand dynamic mechanical load 1000 Pascal

Microcrack resistant Triple EL tested of high quality control.

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

NH 3

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
IS09001, IS014001 and OHSAS18001,
meeting the highest international standards
Strict quality control

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

HIGHWAY+

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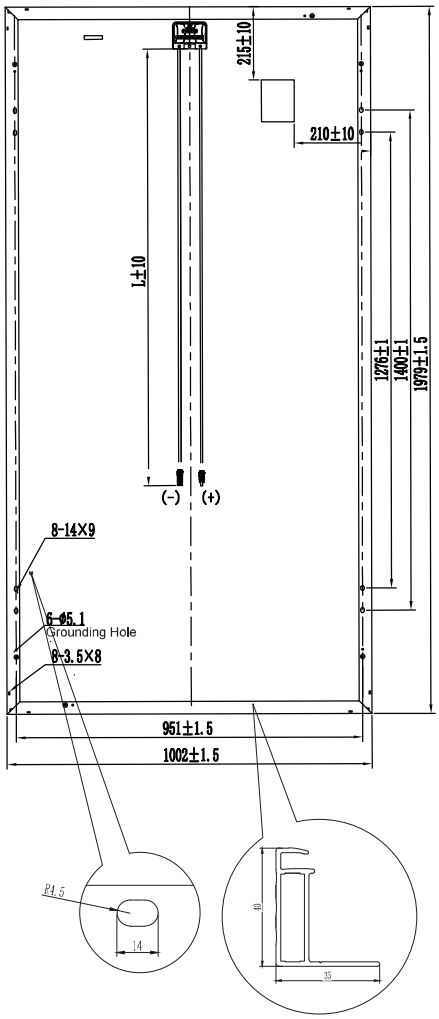
Better Choice For Higher Efficiency!

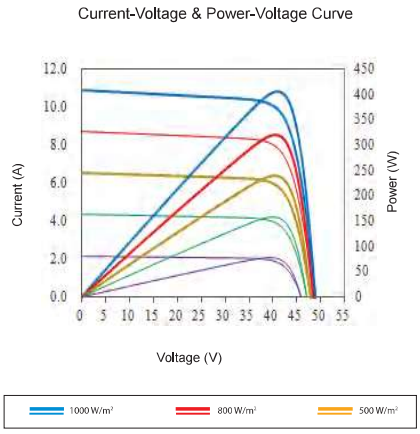
HT72-156M

380W/385W/390W/395W/400W/405W

Engineering Drawing



I-V Curves



Electrical Charateristricts

Module	HT72-156M					
Maximum Power at STC(Pmax)	380W	385W	390W	395W	400W	405W
Open-Circuit Voltage(Voc)	48.3V	48.4V	48.5V	48.6V	48.7V	48.8V
Short-Circuit Current(Isc)	10.34A	10.47A	10.55A	10.67A	10.79A	10.91A
Optimum Operating Voltage (Vmp)	39.9V	40.1V	40.3A	40.5V	40.7V	40.9V
Optimum Operating Current(Imp)	9.53A	9.61A	9.68A	9.76A	9.84A	9.91A
Module Efficiency	19.2%	19.4%	19.7%	19.9%	20.2%	20.4%
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					
Maximum Power	281W	285W	289W	293W	296W	300W
Open Circuit Voltage （Voc）	45.6V	45.7V	45.8V	45.9V	46.0V	46.1V
Short Circuit Current (Isc)	8.35A	8.45A	8.52A	8.62A	8.71A	8.81A
Maximum Power Voltage (Vmp)	37.7V	37.9V	38.1V	38.3V	38.5V	38.6V
Maximum Circuit Current (Imp)	7.45A	7.52A	7.59A	7.65A	7.69A	7.77A
NOCT	45℃±2℃					

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

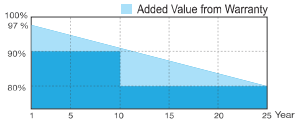
Mechanical Characteristics

Solar Cells	Monocrystalline 158.75 × 158.75mm
No.of Cells	72 (6 × 12)
Dimensions	1979mm×1002mm×40mm
Weight	22.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm² (IEC) Length:1100MM
Connectors	MC_4 / MC_4 Compatible
Packaging Configuration	27pcs / box, 594pcs / 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

Warranty

12-year product warranty	
25-year warranty on power output	
Specific information is referred to the product quality guarantee	

Information Box

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

HIGHWAY+