

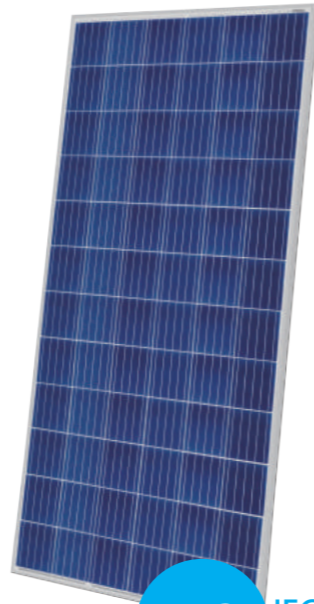


HIGHWAY

Solar Module

HT72-156P

320W-340W



IEC IEC 61215 : 2016
IEC 61730 : 2016

17.3%
Module Efficiency

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

Microcrack resistant
Triple EL tested of high quality control.

10_{Ys} Products Warranty

25_{Ys} Warranty on power output

Higher module's output power

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.



Electrical Charateristricts

Module	HT72-156P				
Maximum Power at STC(Pmax)	320W	325W	330W	335W	340W
Open-Circuit Voltage(Voc)	45.8V	46V	46.2V	46.4V	46.6V
Short-Circuit Current(Isc)	9.2A	9.3A	9.4A	9.52A	9.62A
Optimum Operating Voltage (Vmp)	37V	37.3V	37.6V	37.9V	38.2V
Optimum Operating Current(Imp)	8.66A	8.73A	8.79A	8.86A	8.92A
Module Efficiency	16.2%	16.5%	16.7%	17.0%	17.3%
Maximum System Voltage	1000V 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	HT72-156P				
Maximum Power	234.2W	237.9W	241.5W	245.2W	248.9W
Open Circuit Voltage (Voc)	43V	43.1V	43.3V	43.5V	43.7V
Short Circuit Current (Isc)	7.44A	7.52A	7.6A	7.7A	7.78A
Maximum Power Voltage (Vmp)	34.7V	35V	35.3V	35.5V	35.8V
Maximum Circuit Current (Imp)	6.75A	6.8A	6.85A	6.9A	6.95A
NOCT	45 °C ± 2 °C				

NOCT: Irradiance 800W/m², 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(77.0in×39.1in×1.6in)
Weight	22.5kg (49.6lbs)
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67
Cable	4mm ² (IEC)
Connectors	PV-HT002-1
Packaging Configuration	26pcs/box, 572pcs/40'HQ Container

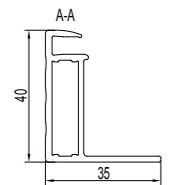
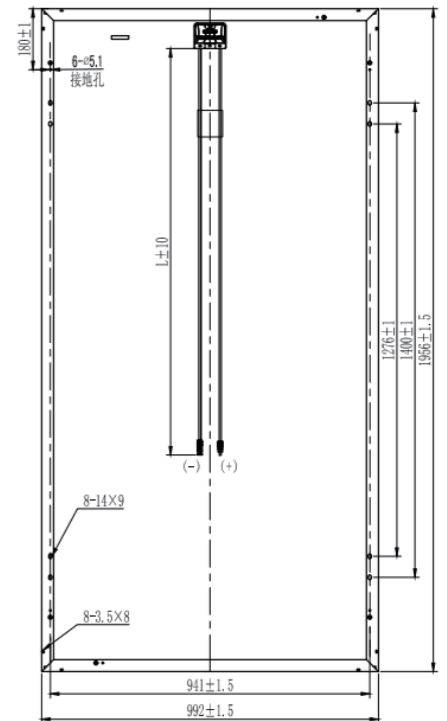
Temperature Characteristics

Temperature Coefficient of Pmax	γ (Pm)	-0.43%/K
Temperature Coefficient of Voc	β (Voc)	-0.31%/K
Temperature Coefficient of Isc	α (Isc)	0.053%/K

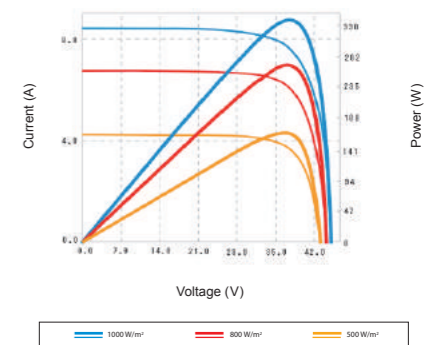
Warranty

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

Information Box



Current-Voltage & Power-Voltage Curve



I-V Curves

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

Factory : Lianyungang ShenZhou New Energy Co., Ltd.