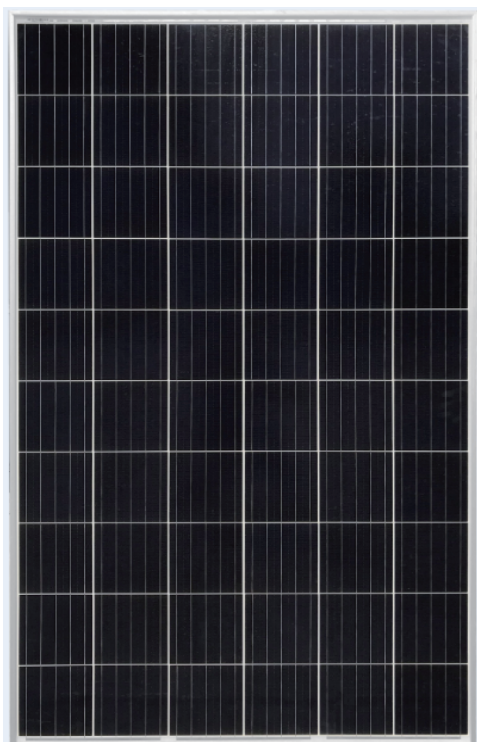


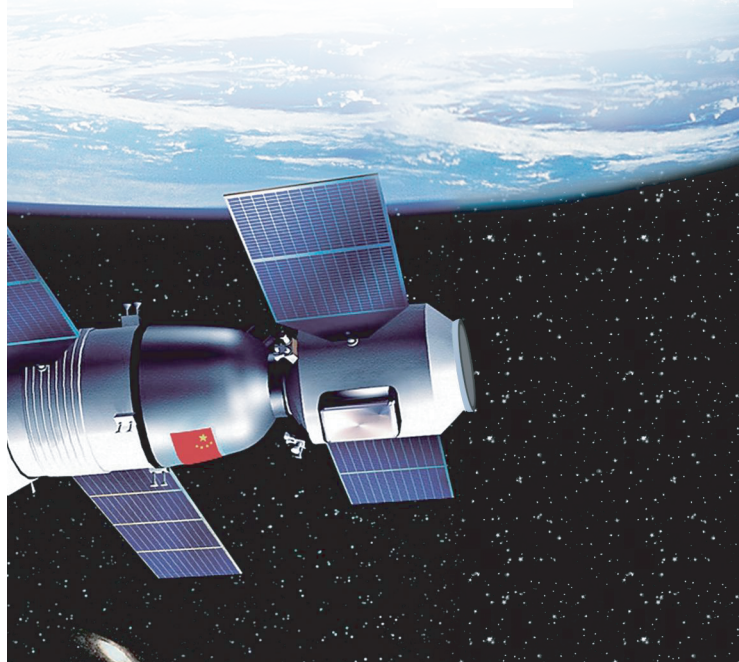
HT60-156P-xxx(xxx=270-290 in step of 5W)

Cell Size:156.75×156.75

270W / 275W
280W / 285W / 290W



- Module Efficiency: 17.8%
- No. of Cells: 60 (6 × 10)
- Weight: 18.5kg
- Dimensions: 1640mm× 992mm×35mm



MULTIWAY+

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

Factory:
Liaryungang ShenZhou New Energy Co., Ltd.



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

12Ys
Products
Warranty

25Ys
Warranty on
power output

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



Entire module
certified to with
stand extreme
2400Pa/1.5 Wind
2400Pa/1.5 Snow



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

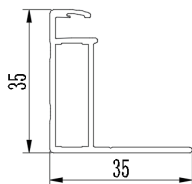
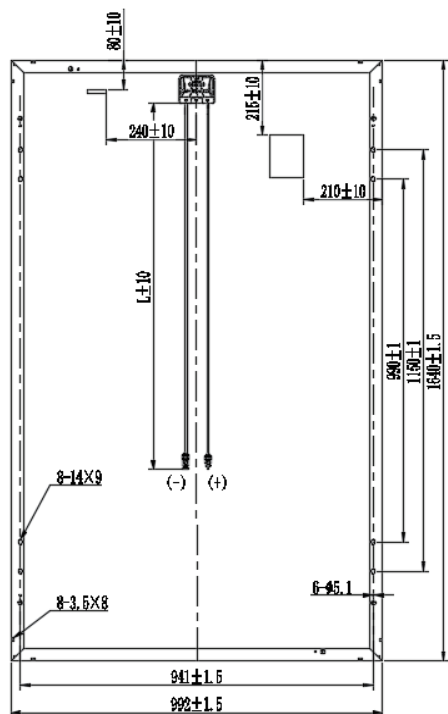
Warranty partner



www.munichre.com/PVWarrantyPartner

270W/275W/280W/285W/290W

Engineering Drawing



Electrical Characteristics

Module	HT60-156P-xxx(xxx=270-290 in step of 5W)				
Maximum Power at STC(Pmax)	270W	275W	280W	285W	290W
Open-Circuit Voltage(Voc)	37.9V	38.2V	38.5V	38.7V	38.9V
Short-Circuit Current(Isc)	9.38A	9.47A	9.56A	9.69A	9.82A
Optimum Operating Voltage (Vmp)	30.8V	31.0V	31.2V	31.5V	31.7V
Optimum Operating Current(Imp)	8.78A	8.88A	8.98A	9.06A	9.16A
Module Efficiency	16.6%	16.9%	17.2%	17.5%	17.8%
Tolerance	Pmax±3% Voc±5% Isc±5%				
Maximum System Voltage	1000V DC(IEC)				
Maximum Series Fuse Rating	20A				
Operating Temperature	-40 °C to +85 °C				
Fire Class	Class C				

NMOT

Performance at NMOT					
Maximum Power	199W	203W	207W	210W	214W
Open Circuit Voltage (Voc)	35.6V	35.9V	36.2V	36.3V	36.5V
Short Circuit Current (Isc)	7.58A	7.65A	7.72A	7.83A	7.93A
Maximum Power Voltage (Vmp)	28.9V	29.1V	29.3V	29.6V	29.8V
Maximum Circuit Current (Imp)	6.89A	6.98A	7.06A	7.09A	7.18A
NMOT	45°C±2°C				

*STC: Irradiance 1000W/m², module temperature 25, AM=1.5
Optional black frame or white frame module according to customer requirements

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

Mechanical Characteristics

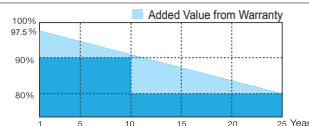
Solar Cells	Poly 156.75×156.75 mm
No. of Cells	60 (6 × 10)
Dimensions	1640mm× 992mm×35mm
Weight	18.5 kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm ² (IEC)
Connectors	PV-HT001-1
Packaging Configuration	31pcs / box, 868pcs / 40'HQ Container

Temperature Characteristics

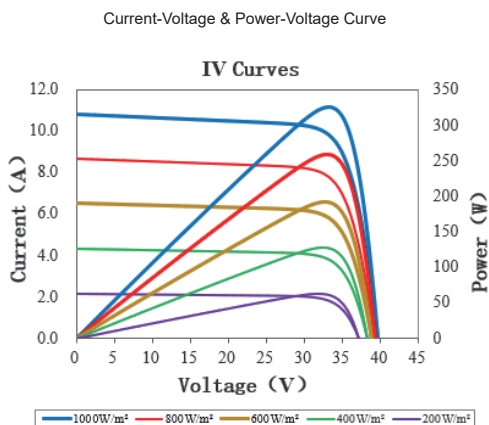
Temperature Coefficient of Pmax	γ (Pm)	-0.41%/K
Temperature Coefficient of Voc	β (Voc)	-0.32%/K
Temperature Coefficient of Isc	α (Isc)	0.050%/K

Warranty

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



I-V Curves



Information Box