Reliable State-owned Enterprise Deliver Solar Power since 1960s

HT-SAAE

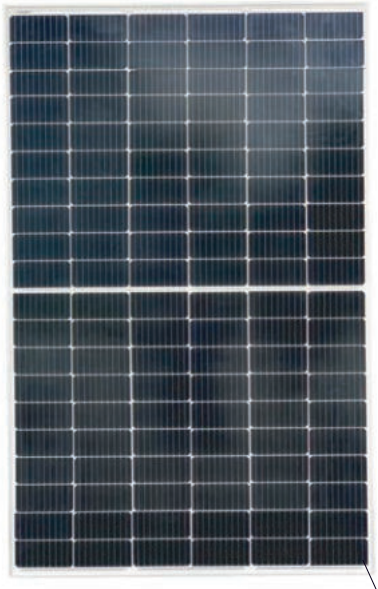
HT60-166M-xxx(xxx=360-380 in step of 5W)

Shanghai Aerospace Automobile Electromechanical Co.,Ltd.
Website: http:www.ht-saae.gr
email: sales@ht-saae.gr
Factory:
Lianyungang ShenZhou New Energy Co.,Ltd.

NEW

Big Size: Cell 166*83

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



- Module Efficiency: 19.3%
- No.of Cells: 120 (6 × 20)
- Weight: 20.4kg
- Dimensions: 1775mm×1052mm×35mm

(Optional) Design of Water Leakage Trough

Monocrystalline

Half cut cell technology can reduce the internal power loss and improve component overall power. Excellent heat dissipation avoids hot spot production.

9BB The optimized number and width of main gate lines, Maximize the light receiving area of components and Reduce component power consumption

12Ys
Products Warranty

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

25Ys
Warranty on power output

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

5W
Positive tolerance 0/+5w guaranteed

Comprehensive and first-rate certification system

IEC61215: 2016.IEC61730: 2016 Latest Standard
IS09001, IS014001 and OHSAS18001,
meeting the highest international standards
Strict quality control

Warranty partner

Munich RE
www.munichre.com/PVWarrantyPartner

Made in China

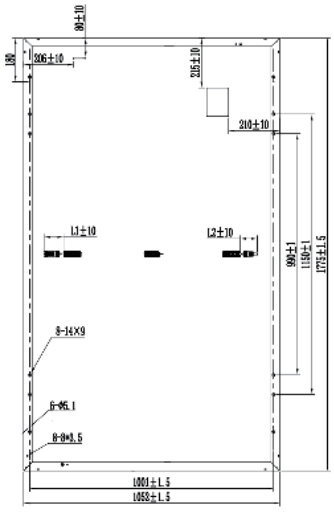
MULTIWAY+

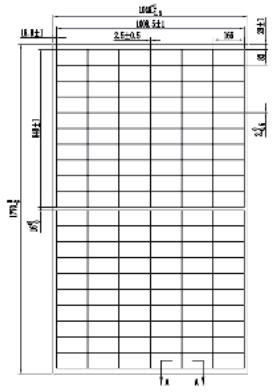
Better Choice For Higher Efficiency!

1500V module HT60-166M-xxx(xxx=360-380 in step of 5W)

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

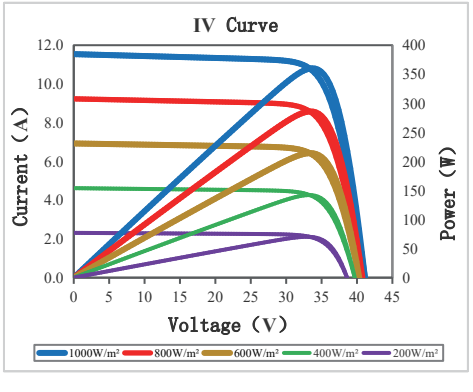
Engineering Drawing





I-V Curves

Current-Voltage & Power-Voltage Curve



Electrical Charateristricts

Module	HT60-166M-xxx(xxx=360-380 in step of 5W)				
Maximum Power at STC(Pmax)	360W	365W	370W	375W	380W
Open-Circuit Voltage(Voc)	41.1V	41.3V	41.5V	41.6V	41.7V
Short-Circuit Current(Isc)	11.53A	11.63A	11.72A	11.85A	11.98A
Optimum Operating Voltage (Vmp)	33.7V	33.9V	34.1V	34.2V	34.3V
Optimum Operating Current(Imp)	10.69A	10.77A	10.86A	10.98A	11.09A
Module Efficiency	19.3%	19.5%	19.8%	20.1%	20.4%
Tolerance	Pmax±3% Voc±5% Isc±5%				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	20A				
Operating Temperature	-40 ℃ to + 85 ℃				
Fire Class	Class C				

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

NMOT

Performance at NMOT					
Maximum Power	267W	270W	274W	278W	281W
Open Circuit Voltage （Voc）	38.8V	39.0V	39.2V	39.3V	39.4V
Short Circuit Current (Isc)	9.31A	9.39A	9.46A	9.57A	9.67A
Maximum Power Voltage (Vmp)	31.8V	32.0V	32.2V	32.3V	32.4V
Maximum Circuit Current (Imp)	8.40A	8.44A	8.51A	8.61A	8.67A
NMOT	45℃±2℃				

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

Mechanical Characteristics

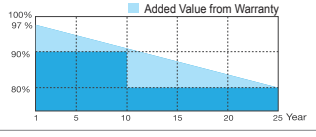
Solar Cells	Monocrystalline 166 × 83 mm
No.of Cells	120 (6 × 20)
Dimensions	1775mm×1052mm×35mm
Weight	20.4 kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm²(IEC)
Connectors	PV-CO02
Packaging Configuration	30pcs / box, 780pcs / 40'HQ Container

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

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

MULTIWAY+