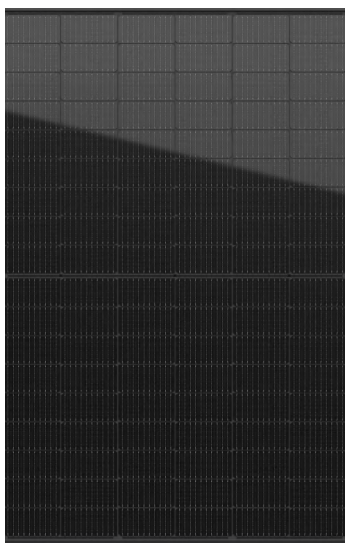


HT60-166M PANDA BLACK

NEW Large wafer

**370W/375W
380W/385W/390W**



- Module Efficiency: 21.4%
- No. of Cells 120(6×20)
- Weight 19.5kg
- Dimensions 1755mm×1038mm ×30mm
- monocrystalline 166×83mm

Shanghai Aerospace Automobile
Electromechanical Co., Ltd.
Website: www.ht-saae.com
E-mail: pvmarketing@ht-saae.com



Factory:
Lianyungang Shenzhou New Energy CO., Ltd.
Turkey HT Solar Energy Joint Stock Company



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



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



1500V

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



2%

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

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
wind(2400 Pa) and snow
loads (5400 Pa)

5W

Positive tolerance
0/+5w guaranteed

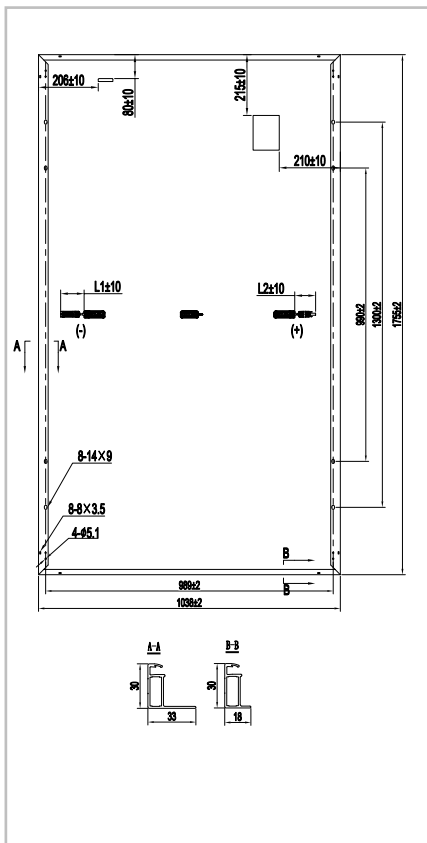
Anti PID

PID resistant

**Comprehensive and first-rate
certification system**

IEC 61215:2016, IEC 61730:2016 Latest Standard
ISO 9001, ISO 14001 and ISO 45001,
meeting the highest international standards
Strict quality control





Electrical Characteristics (STC)

Module Type	HT60-166M				
Maximum Power(Pmax)	370W	375W	380W	385W	390W
Open Circuit Voltage(Voc)	41.5V	41.6V	41.7V	41.5V	41.7V
Short Circuit Current(Isc)	11.72A	11.85A	11.98A	11.83A	11.92A
Maximum Power Voltage(Vmp)	34.1V	34.2V	34.6V	35.0V	35.2V
Maximum Power Current(Imp)	10.86A	10.98A	10.99A	11.01A	11.09A
Module Efficiency(%)	20.3%	20.6%	20.9%	21.1%	21.4%
Power Tolerance	0 ~ +5W				
Maximum System Voltage	1500V DC(IEC)				
Maximum Series Fuse Rating	20A				
Operating Temperature	-40°C to +85°C				

* STC: AM 1.5, Irradiance 1000W/m², module temperature 25°C

Electrical Characteristics (NMOT)

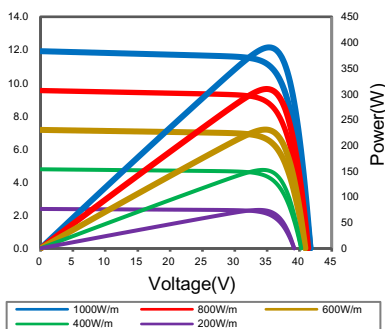
Module Type	HT60-166M				
Maximum Power(Pmax)	274W	278W	281W	286W	290W
Open Circuit Voltage(Voc)	39.2V	39.3V	39.4V	39.3V	39.5V
Short Circuit Current(Isc)	9.46A	9.57A	9.67A	9.55A	9.62A
Maximum Power Voltage(Vmp)	32.2V	32.3V	32.4V	33.2V	33.4V
Maximum Power Current(Imp)	8.51A	8.61A	8.67A	8.61A	8.68A

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

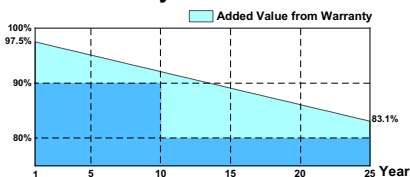
Temperature Coefficient of Pmax	$\gamma(P_m)$	-0.33%/K
Temperature Coefficient of Voc	$\beta(V_{oc})$	-0.26%/K
Temperature Coefficient of Isc	(I_{sc})	0.042%/K

Solar Cells	Monocrystalline 166 × 83mm
No. of Cells	120 (6×20)
Dimensions	1755mm×1038mm×30mm
Weight	19.5kg
Front Glass	High transmission tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP68
Cable	4mm (IEC) Length: (+) 200mm, (-) 300mm
Connectors	MC4 / MC4 Compatible
Packaging Configuration	36 pcs/box: 936 pcs(988 pcs)/ 40' HQ Container

IV Curves



Warranty



12-year product warranty*

25-year warranty on power output*

* Specific information is referred to the product quality guarantee

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

*Copyright@2022V1 Plus Specifications are subject to change without further notification