MILKY WAY

Solar Module

* V means 1500V module

HT72-156M(NDV)

350W-365W

[Bifacial Module]

Bifacial generating capacity ,
output 402W/406W/414W/420W(15% increase)

Absorb the light by both surfaces of the cells

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

18.5%
Module Efficiency

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

PID resistant

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

N-Type mono technology, effectively increase the output power of unit area

0 Initial light induced degradation, effectively increase the overall power generation amount

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

TUV certification

10Yrs Products Warranty

30Yrs Warranty on power output

Better temperature coefficient

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

Better low irradiation response provides more effective working time

5W Positive tolerance 0/+5w guaranteed

Electrical Characteristics(STC)

Module	HT72-156M(NDV)			
Maximum Power at STC(Pmax)	350W	355W	360W	365W
Open-Circuit Voltage(Voc)	46.9V	47.1V	47.3V	47.5V
Short-Circuit Current(Isc)	9.43A	9.48A	9.53A	9.58A
Optimum Operating Voltage (Vmp)	38.6V	38.8V	39.1V	39.3V
Optimum Operating Current(Imp)	9.08A	9.15A	9.22A	9.29A
Module Efficiency	17.8%	18.1%	18.3%	18.5%
Power Tolerance	0 ~ +5W			
Maximum System Voltage	1500V DC(IEC)			
Maximum Series Fuse Rating	15A			
Operating Temperature	-40℃ to + 85 ℃			

* Irradiance 1000W/m², module temperature 25, AM=1.5

NOCT

Module	HT72-156M(NDV)			
Maximum Power	257W	261W	264W	268W
Open Circuit Voltage （Voc）	43.3V	43.5V	43.7V	43.9V
Short-Circuit Current(Isc)	7.62A	7.66A	7.70A	7.74A
Optimum Operating Voltage (Vmp)	35.6V	35.8V	36.0V	36.3V
Maximum Circuit Current （Imp)	7.22A	7.28A	7.33A	7.39A
NOCT	43℃±2℃			

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

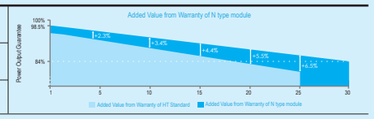
Mechanical Characteristics

Solar Cells	N type mono-crystalline cell 156.75*156.75mm 5BB
No.of Cells	72 (6 × 12)
Dimensions	1978mm×992mm×6.5mm
Weight	30kg
Junction Box	IP67 , 3 diodes
Snow pressure	5400Pa
Wind pressure	2400Pa
Area	1.96m²
Light Transmittance	10%
Packaging Configuration	33pcs/box, 726pcs/40'HQ Container

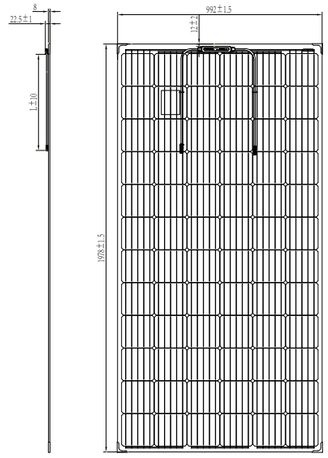
Temperature Characteristics

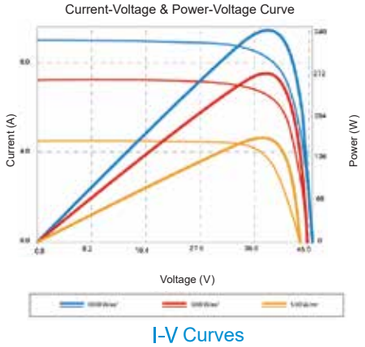
Temperature Coefficient of Pmax	γ (Pm)	-0.39%/K
Temperature Coefficient of Voc	β (Voc)	-0.28%/K
Temperature Coefficient of Isc	α (Isc)	0.045%/K

Warranty

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

Information Box





I-V Curves

Shanghai Aerospace Automobile
Electromechanical Co., Ltd.
HT Solar Energy J.S.C.

Factory : Lianyungang ShenZhou
New Energy Co., Ltd.
HT Solar Energy J.S.C.

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