



**Solar Module**

**HT72-156M(NDV)**  
350W-365W

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

\* V means 1500V module



**Electrical Characteristics(STC)**

Module	HT72-156M(NDV)			
	350W	355W	360W	365W
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°C to +85 °C			

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

**NOCT**

Module	HT72-156M(NDV)			
	257W	261W	264W	268W
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°C±2°C			

NOCT: Irradiance 800W/m², ambient temperature 20 °C, 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

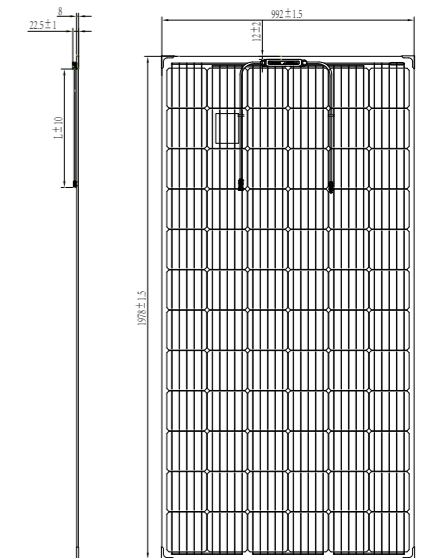
**Temperature Characteristics**

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**



**Light Absorption**  
Absorb the light by both surfaces of the cells

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

**18.5% Module Efficiency**

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

**PID Resistant**

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

**P<sub>max</sub>/m²**  
N-Type mono technology, effectively increase the output power of unit area

**0 Initial Light Induced Degradation**  
0 Initial light induced degradation, effectively increase the overall power generation amount

**2% Mismatch Loss**  
All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

**TUV Certification**

**10 Ys Products Warranty**

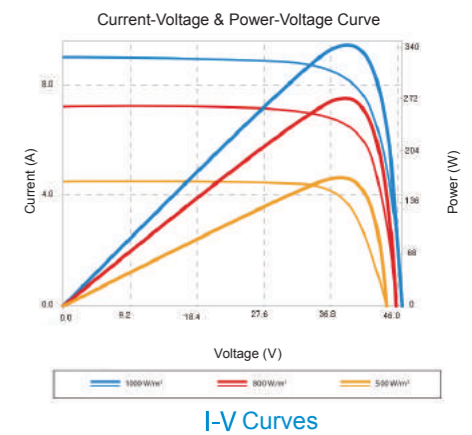
**30 Ys Warranty on power output**

**Better temperature coefficient**

**Extreme Load Resistance**  
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**  
Positive tolerance 0/+5w guaranteed



I-V Curves