

MILKY WAY

Solar Module

HT72-156M(ND)

350W-365W

[Bifacial Module]

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



Absorb the light by both surfaces of the cells

18.5%
Module Efficiency

PID
PID resistant

P_{max}/m^2
N-Type mono technology,
effectively increase
the output power of unit area

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

10_{Ys}
Products Warranty

Better temperature coefficient

Better low irradiation response
provides more effective working time

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

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

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

TUV certification

30_{Ys}
Warranty on power output

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

5W
Positive tolerance 0/+5w
guaranteed

Electrical Characteristics(STC)

| Module | HT72-156M(ND) | | | |
|---------------------------------|------------------|-------|-------|-------|
| 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 | 1000V 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(ND) | | | |
|---------------------------------|---------------|-------|-------|-------|
| 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

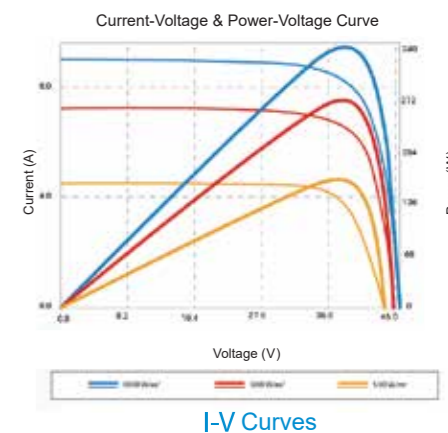
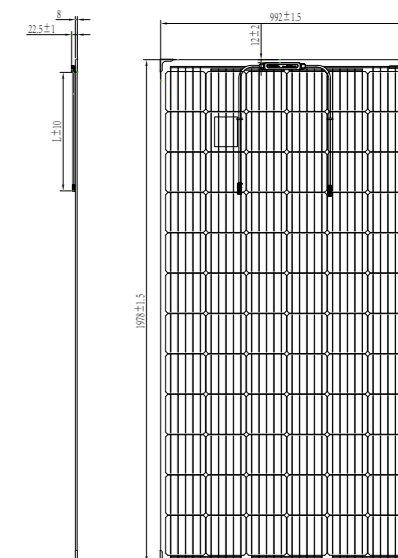
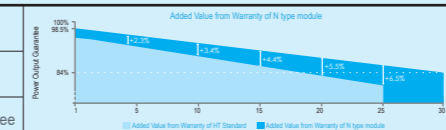
| | |
|-------------------------|--|
| Solar Cells | N type mono-crystalline cell 156.75*156.75mm 5BB |
| No. of Cells | 72 (6 × 12) |
| Dimensions | 1978mm×992mm×6.5mm |
| Weight | 30kg |
| Junction Box | IP67 , 3 diodes |
| Snow pressure | 5400Pa |
| Wind pressure | 2400Pa |
| Area | 1.96m ² |
| Light Transmittance | 10% |
| Packaging Configuration | 33pcs/box, 726pcs/40'HQ Container |

Temperature Characteristics

| | | |
|---------------------------------|----------------|----------|
| Temperature Coefficient of Pmax | $\gamma (Pm)$ | -0.39%/K |
| Temperature Coefficient of Voc | $\beta (Voc)$ | -0.28%/K |
| Temperature Coefficient of Isc | $\alpha (Isc)$ | 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

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.