

\* Concept Drawing



## Monocrystal Solar Cell Modules

# HTM345/350/355/360/365/ 370/375MA-72

### Reliable Quality

- 0~+3% positive tolerance output warranty
- EL full inspection for twice effectively eliminates defects of products
- Optimize module current profile, improve system-side power generation

### Comprehensive Product and System Certification

- ISO 9001:2015 Quality Management Systems
- ISO 14001:2015 Environmental Management Systems
- OHSAS 18001:2007 Occupational Health and Safety Management Systems



### Module Characteristics



#### 5 Busbar Photovoltaic Cells

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation



#### High Output Power

Monocrystalline 72-cell module achieves a power output up to 375W



#### Anti-PID Characteristics

Ensure large-scale production monocrystal module pass PID test



#### Low-Light Performance

High-transmittance glass and surface texturing allow for excellent performance in low-light environment



#### Load Capacity

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal)

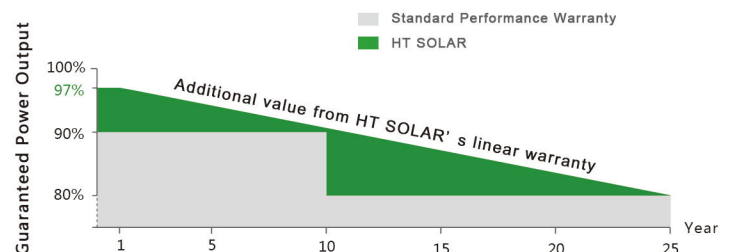


#### Harsh Environment Adaptation

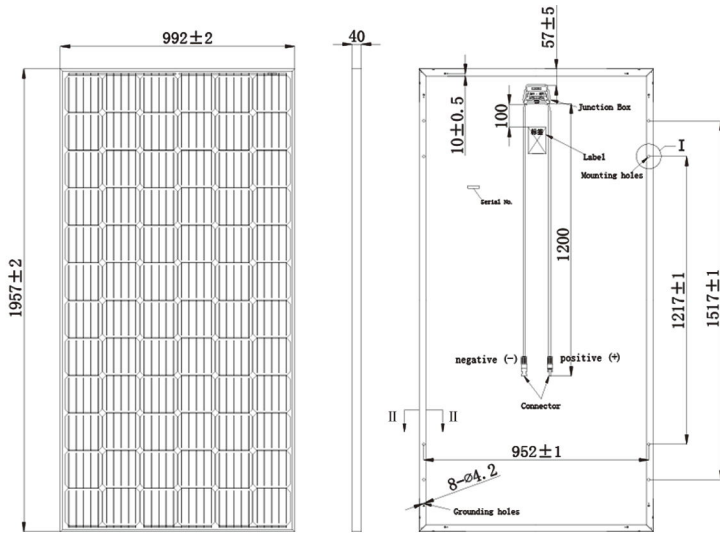
High salt mist and ammonia resistance certified by TUV NORD

### Industry-leading Linear Power Warranty

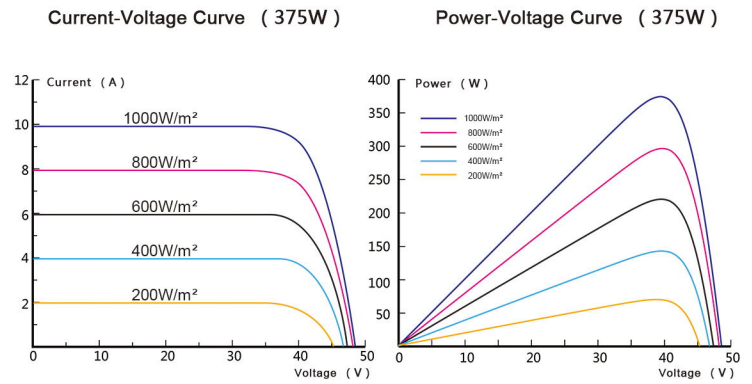
10-year product warranty • 25-year linear power warranty



## Module Dimensions(mm)



## I-V Curve



## Structure Parameter

Cell Type	156.75x156.75mm Monocrystal
Cell Orientation	72 (6x12)
Module Dimensions	1957x992x40mm
Weight	21.5kg
Front Cover	3.2mm high transmittance, reinforced glass
Back Sheet	Anti-aging film
Frame Material	Anodized aluminum alloy
Junction Box	Protection class IP67
Cable	4.0mm <sup>2</sup> photovoltaic special cable
Connector	MC4 compatible connector

## Packaging Capacity

Each box capacity: 26 pcs  
 Container load capacity per 40 feet: 572 pcs

## Electric Characteristics

Module Type	HTM345MA-72		HTM350MA-72		HTM355MA-72		HTM360MA-72		HTM365MA-72		HTM370MA-72		HTM375MA-72	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Conditions														
Maximum Output Power(P <sub>m</sub> )	345W	255W	350W	259W	355W	262W	360W	266W	365W	270W	370W	274W	375W	278W
Maximum Power Voltage(V <sub>mp</sub> )	38.30V	35.42V	38.55V	35.68V	38.80V	35.85V	39.09V	36.10V	39.35V	36.40V	39.58V	36.74V	39.81V	37.07V
Maximum Power Current(I <sub>mp</sub> )	9.01A	7.20A	9.08A	7.26A	9.15A	7.31A	9.21A	7.37A	9.28A	7.42A	9.35A	7.46A	9.42A	7.50A
Open-circuit Voltage(V <sub>oc</sub> )	46.86V	43.54V	47.02V	43.84V	47.45V	44.02V	47.77V	44.40V	47.96V	44.78V	48.36V	45.15V	48.52V	45.53V
Short-circuit Current(I <sub>sc</sub> )	9.52A	7.65A	9.59A	7.71A	9.64A	7.76A	9.71A	7.82A	9.78A	7.87A	9.85A	7.92A	9.92A	7.97A
Module Conversion Efficiency(STC)	17.77%		18.03%		18.29%		18.54%		18.80%		19.06%		19.32%	
Maximum System Voltage	1000V/1500V													
Operating Temperature	-40°C~+85°C													
Temperature Coefficient(P <sub>m</sub> )	-0.393%/°C													
Temperature Coefficient(V <sub>oc</sub> )	-0.31%/°C													
Temperature Coefficient(I <sub>sc</sub> )	0.041%/°C													
Cell Rated Operating Temperature(NOCT)	45±2°C													

STC : ☀️ Light intensity 1000W/m<sup>2</sup> 🌡️ Module temperature : 25°C 🌫️ Air quality : AM1.5  
 NOCT : ☀️ Light intensity 800W/m<sup>2</sup> 🌡️ Environment temperature : 20°C 🌫️ Air quality : AM1.5 🌬️ Wind speed : 1m/s