

Half-cell Monocrystal Solar Cell Modules
HTM350/355/360/365/370
MH-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



Module Characteristics



5 Busbar Half-Cells

Innovative half-cutting cell technology, lower internal current, lower internal resistance loss



High Output Power

Output power is higher than the same type of conventional monocrystal module



Anti-PID Characteristics

Ensure large-scale production half-cell monocrystal module pass PID test



Hot-Spot Effect

Low hot spot temperature, higher safety performance



Load Capacity

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

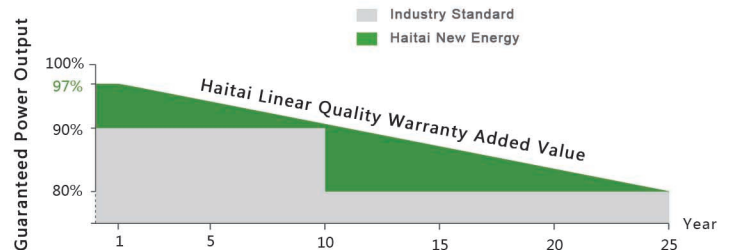


Harsh Environment Adaptation

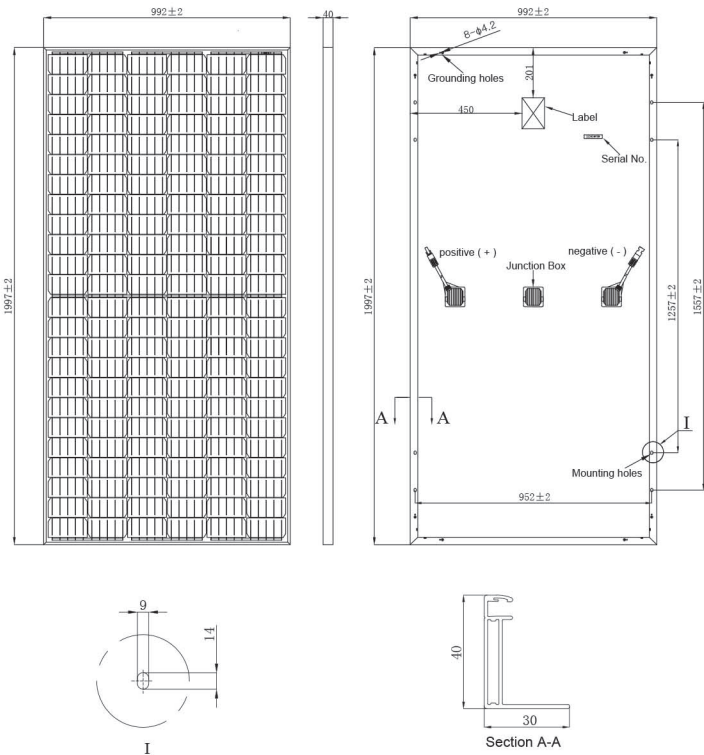
High salt mist and ammonia resistance certified by TUV NORD

Industry-leading Linear Quality Warranty

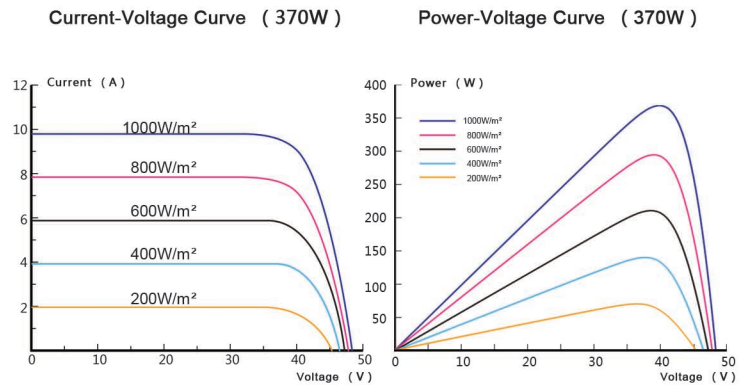
10-year material technology quality warranty • 25-year linear quality warranty



Module Dimensions(mm)



I-V Curve



Structure Parameter

Cell Type	156.75x78.375mm Monocrystal
Cell Orientation	144 (6x24)
Module Dimensions	1997x992x40mm
Weight	22kg
Front Cover	3.2mm high transmittance, reinforced glass
Back Sheet	Anti-aging film
Frame Material	Anodized aluminum alloy
Junction Box	Protection class IP67
Cable	4.0mm² 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	HTM350MH-72		HTM355MH-72		HTM360MH-72		HTM365MH-72		HTM370MH-72	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Conditions										
Maximum Output Power(Pm)	350W	259W	355W	262W	360W	266W	365W	270W	370W	274W
Maximum Power Voltage(Vmp)	38.89V	35.82V	39.15V	35.94V	39.39V	36.20V	39.64V	36.44V	39.88V	36.69V
Maximum Power Current(Imp)	9.00A	7.24A	9.07A	7.29A	9.14A	7.35A	9.21A	7.41A	9.28A	7.47A
Open-circuit Voltage(Voc)	47.00V	43.83V	47.42V	44.01V	47.75V	44.38V	47.95V	44.76V	48.35V	45.13V
Short-circuit Current(Isc)	9.51A	7.68A	9.58A	7.75A	9.65A	7.82A	9.72A	7.89A	9.79A	7.96A
Module Conversion Efficiency(STC)	17.67%		17.92%		18.17%		18.42%		18.68%	
Maximum System Voltage	1000/1500V									
Operating Temperature	-40°C~+85°C									
Temperature Coefficient(Pm)	-0.393%/°C									
Temperature Coefficient(Voc)	-0.31%/°C									
Temperature Coefficient(Isc)	0.041%/°C									
Cell Rated Operating Temperature(NOCT)	45±2°C									

STC : ☀️ Light intensity 1000W/m² 🌡️ Environment temperature : 25°C 🌫️ Air quality : AM1.5
 NOCT : ☀️ Light intensity 800W/m² 🌡️ Environment temperature : 20°C 🌫️ Air quality : AM1.5 🌬️ Wind speed : 1m/s



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