

Monocrystal Solar Cell Modules
HTM340/345/350/355/360
MA-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 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 60-cell module achieves a power output up to 360W



Anti-PID Characteristics

Ensure large-scale production monocrystal module pass PID test



Low-Light Performance

Advanced glass and surface texturing allow for excellent performance in low-light environments



Load Capacity

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

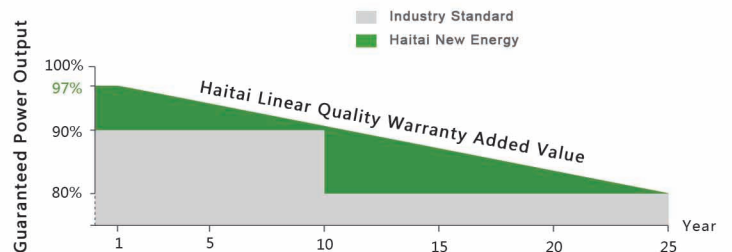


Harsh Environment Adaptation

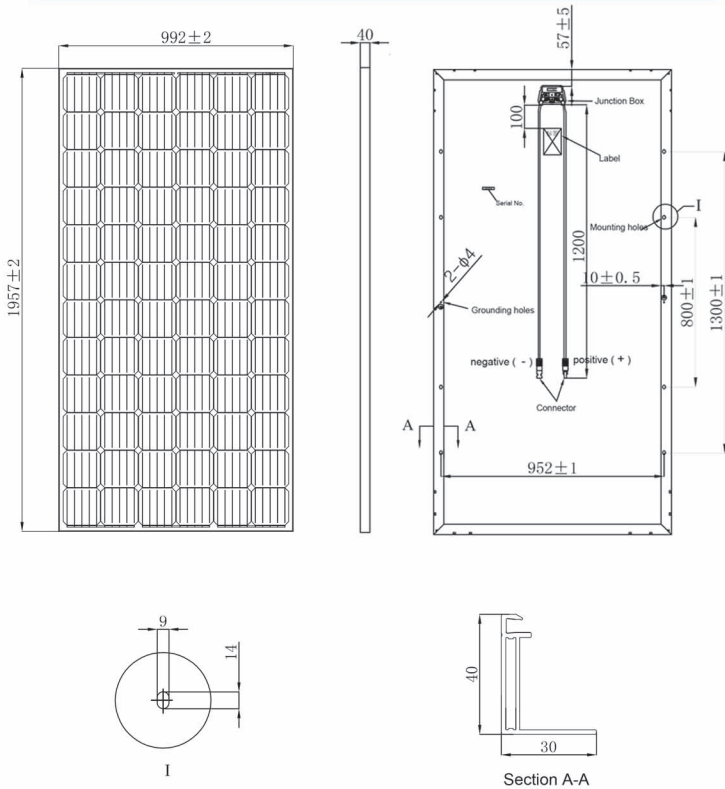
High salt mist and ammonia resistance certified by TUV NORD

Industry-leading Linear Quality Warranty

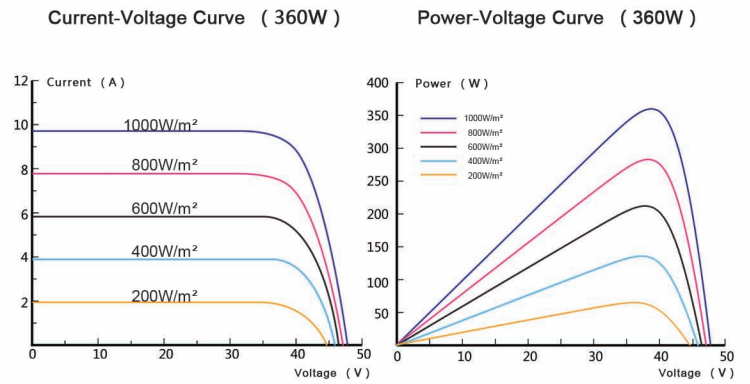
10-year material technology quality warranty•25-year linear quality warranty



Module Dimensions(mm)



I-V Curve



Structure Parameter

Cell Type	156.75x156.75mm 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	4.0mm² 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	HTM340MA-72		HTM345MA-72		HTM350MA-72		HTM355MA-72		HTM360MA-72	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Conditions										
Maximum Output Power(Pm)	340W	251W	345W	255W	350W	259W	355W	262W	360W	266W
Maximum Power Voltage(Vmp)	38.12V	35.18V	38.30V	35.42V	38.55V	35.68V	38.80V	35.85V	39.09V	36.10V
Maximum Power Current(Imp)	8.92A	7.14A	9.01A	7.20A	9.08A	7.26A	9.15A	7.31A	9.21A	7.37A
Open-circuit Voltage(Voc)	46.62V	43.22V	46.86V	43.54V	47.02V	43.84V	47.45V	44.02V	47.77V	44.40V
Short-circuit Current(Isc)	9.44A	7.60A	9.52A	7.65A	9.59A	7.71A	9.64A	7.76A	9.71A	7.82A
Module Conversion Efficiency(STC)	17.51%		17.77%		18.03%		18.29%		18.54%	
Maximum System Voltage	1000V									
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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