

Polycrystal Solar Cell Modules
HTM315/320/325/330
PA-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

Polycrystalline 72-cell module achieves a power output up to 330W



Anti-PID Characteristics

Ensure large-scale production polycrystal module pass PID test



Low-light Performance

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



Load Capacity

Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)

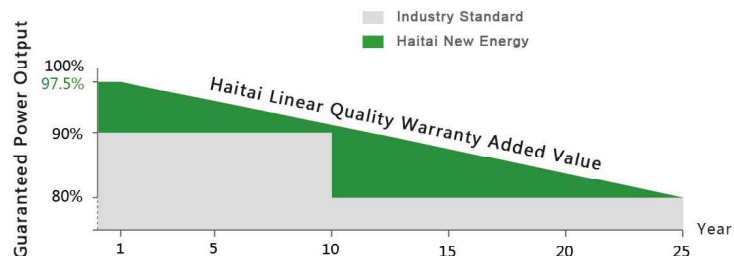


Harsh Environment Adaptation

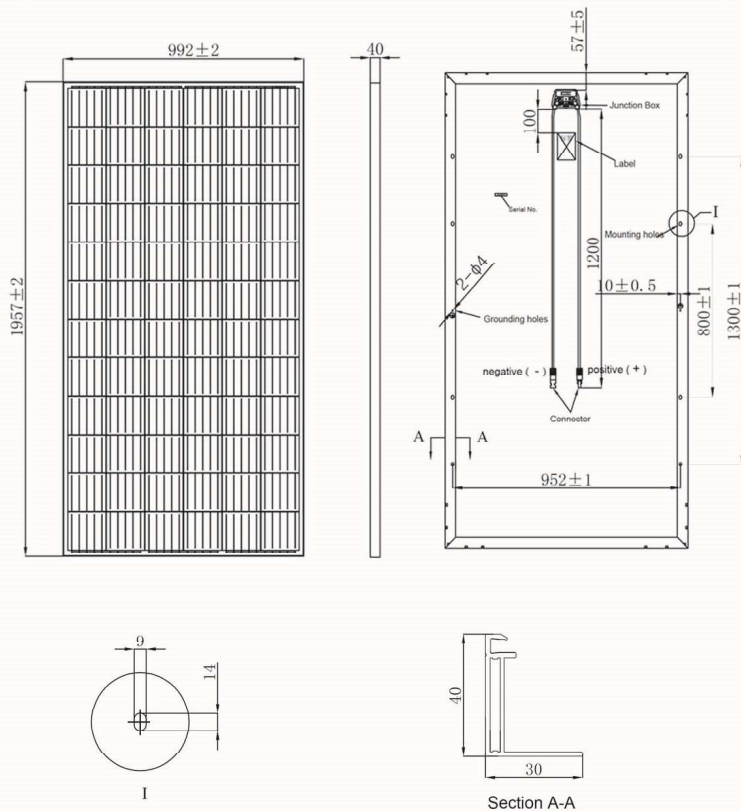
High salt mist and ammonia resistance certified by IUV NORD

Industry-leading Linear Quality Warranty

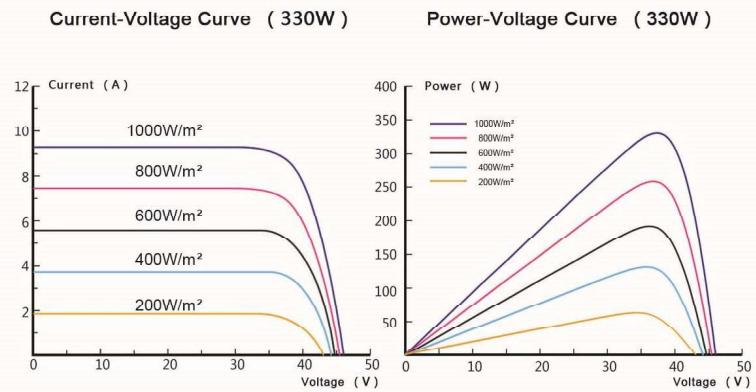
10-year material technology quality warranty • 25-year linear quality warranty



Module Dimensions(mm)



I-V Curve



Structure Parameter

Cell Type	156.75x156.75mm Polycrystal
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 ² 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	HTM315PA-72		HTM320PA-72		HTM325PA-72		HTM330PA-72	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Conditions								
Maximum Output Power(P _m)	315W	233W	320W	236W	325W	240W	330W	244W
Maximum Power Voltage(V _{mp})	36.81V	34.52V	37.04V	34.61V	37.24V	34.79V	37.52V	35.11V
Maximum Power Current(I _{mp})	8.56A	6.75A	8.64A	6.82A	8.73A	6.90A	8.80A	6.95A
Open-circuit Voltage(V _{oc})	45.01V	42.23V	45.32V	42.75V	45.60V	43.15V	45.95V	43.56V
Short-circuit Current(I _{sc})	9.09A	7.21A	9.16A	7.25A	9.23A	7.29A	9.29A	7.34A
Module Conversion Efficiency(STC)	16.23%		16.48%		16.74%		17.00%	
Maximum System Voltage	1000V							
Operating Temperature	-40°C~+85°C							
Temperature Coefficient(P _m)	-0.394%/°C							
Temperature Coefficient(V _{oc})	-0.307%/°C							
Temperature Coefficient(I _{sc})	0.04%/°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