

Half-cell Polycrystal Solar Cell Modules

HTM320/325/330/335/340

PH-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 polycrystal module



Anti-PID Characteristics

Ensure large-scale production half-cell polycrystal 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)

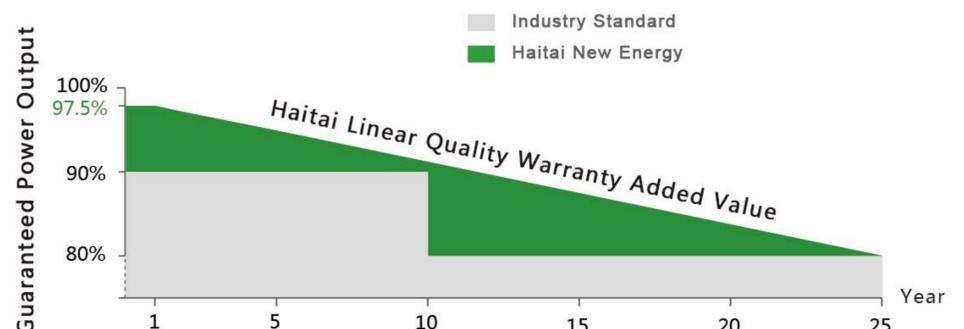


Harsh Environment Adaptation

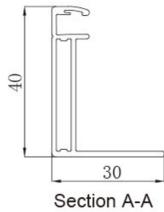
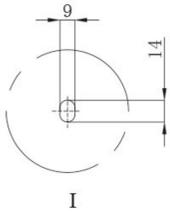
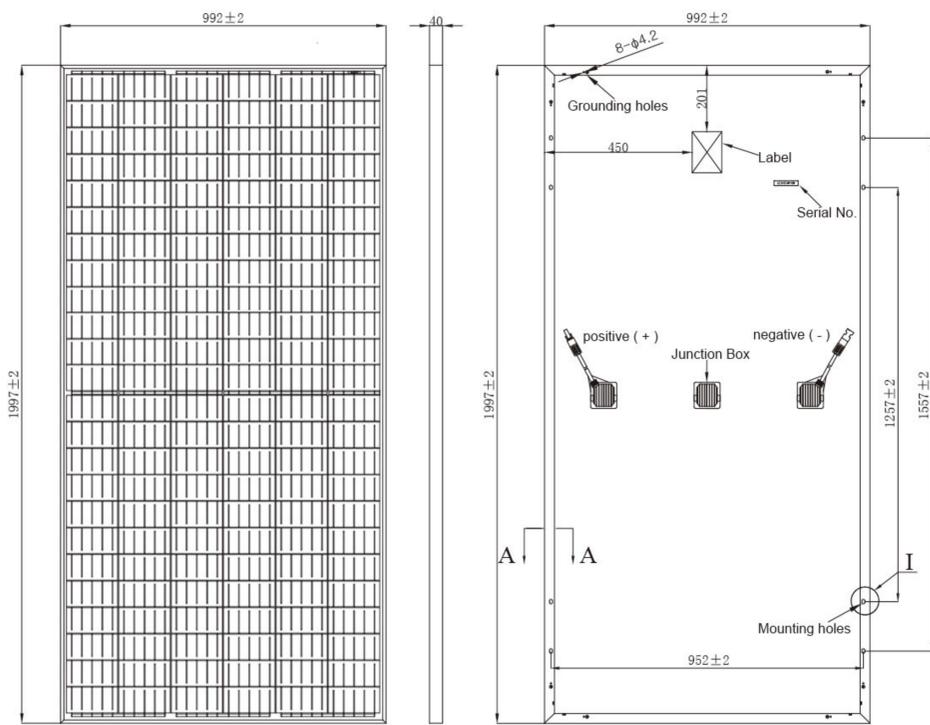
High salt mist and ammonia resistance certified by TUV NORD

Industry-leading Linear Quality Warranty

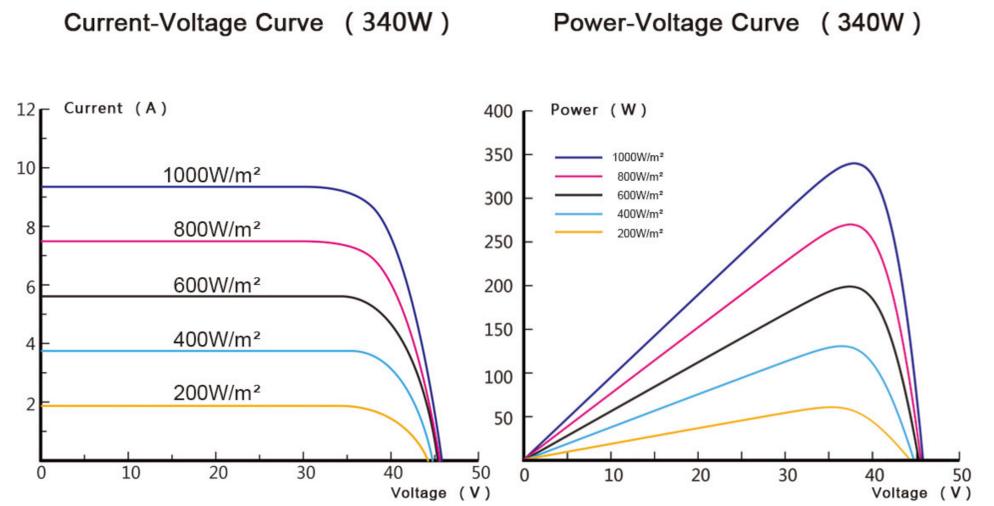
10-year material technology quality warranty • 25-year linear quality warranty



Module Dimensions(mm)



I-V Curve



Structure Parameter

Cell Type	156.75x78.375mm Polycrystal
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	4.0mm 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	HTM320PH-72		HTM325PH-72		HTM330PH-72		HTM335PH-72		HTM340PH-72	
	STC	NOCT								
Test Conditions										
Maximum Output Power(P _m)	320W	236W	325W	240W	330W	244W	335W	248W	340W	252W
Maximum Power Voltage(V _{mp})	37.34V	35.02V	37.62V	35.35V	37.89V	35.68V	38.16V	36.01V	38.42V	36.32V
Maximum Power Current(I _{mp})	8.57A	6.74A	8.64A	6.79A	8.71A	6.84A	8.78A	6.89A	8.85A	6.94A
Open-circuit Voltage(V _{oc})	45.32V	42.74V	45.60V	43.14V	45.95V	43.55V	46.30V	43.96V	46.65V	44.36V
Short-circuit Current(I _{sc})	9.07A	7.22A	9.14A	7.27A	9.21A	7.32A	9.28A	7.37A	9.35A	7.42A
Module Conversion Efficiency(STC)	16.15%		16.41%		16.66%		16.91%		17.16%	
Maximum System Voltage	1000/1500V									
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



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