



* Concept Drawing



Half-cell Polycrystal Solar Cell Modules

HTM325/330/335/340/345/ 350PH-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 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 of 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)

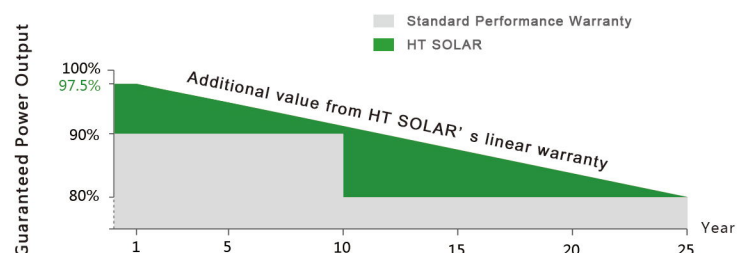


Harsh Environment Adaptation

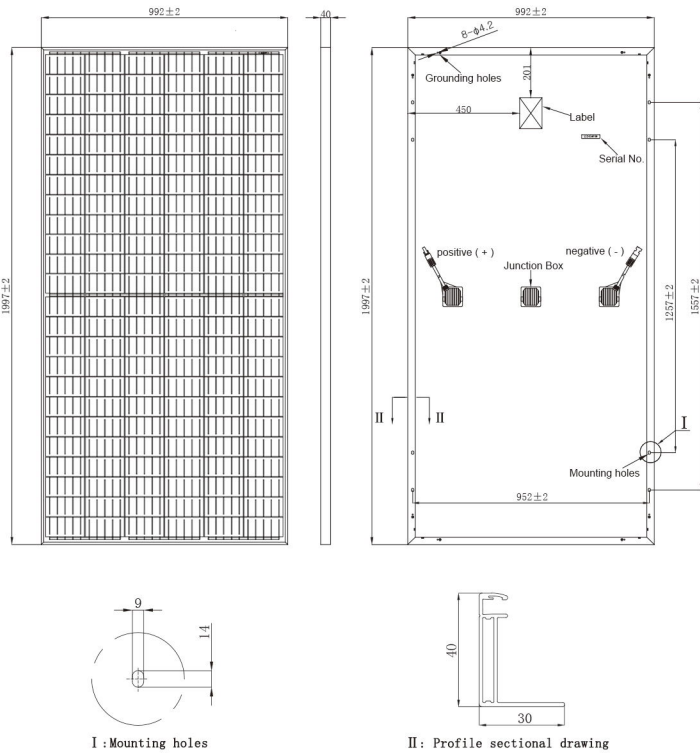
High salt mist and ammonia resistance certified by TUV NORD

Industry-leading Linear Power Warranty

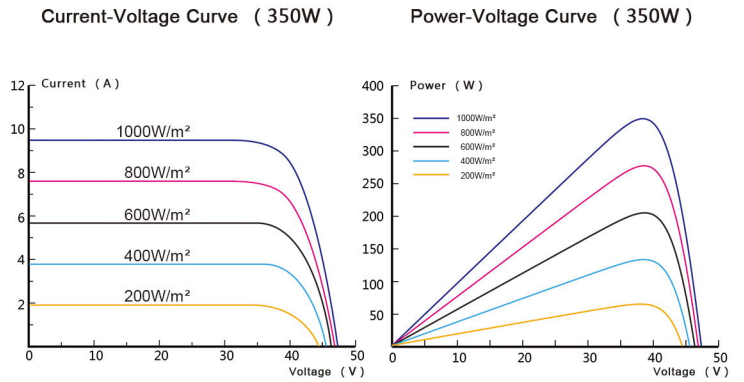
10-year product warranty • 25-year linear power warranty



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	4.0mm² 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	HTM325PH-72		HTM330PH-72		HTM335PH-72		HTM340PH-72		HTM345PH-72		HTM350PH-72	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Test Conditions												
Maximum Output Power(Pm)	325W	240W	330W	244W	335W	248W	340W	252W	345W	256W	350W	260W
Maximum Power Voltage(Vmp)	37.62V	35.35V	37.89V	35.68V	38.16V	36.01V	38.42V	36.32V	38.68V	36.63V	38.94V	36.97V
Maximum Power Current(Imp)	8.64A	6.79A	8.71A	6.84A	8.78A	6.89A	8.85A	6.94A	8.92A	6.99A	8.99A	7.04A
Open-circuit Voltage(Voc)	45.60V	43.14V	45.95V	43.55V	46.30V	43.96V	46.65V	44.36V	47.00V	44.78V	47.35V	45.18V
Short-circuit Current(Isc)	9.14A	7.27A	9.21A	7.32A	9.28A	7.37A	9.35A	7.42A	9.42A	7.47A	9.49A	7.52A
Module Conversion Efficiency(STC)	16.41%		16.66%		16.91%		17.16%		17.42%		17.67%	
Maximum System Voltage	1000V/1500V											
Operating Temperature	-40°C~+85°C											
Temperature Coefficient(Pm)	-0.394%/°C											
Temperature Coefficient(Voc)	-0.307%/°C											
Temperature Coefficient(Isc)	0.04%/°C											
Cell Rated Operating Temperature(NOCT)	45±2°C											

STC : ☀️ Light intensity 1000W/m² 🌡️ Module 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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