HT SOLAR

www.htsolargroup.com

Polycrystal Solar Cell Modules

HTM320/325/330/335/340/345PA-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 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 345W

Anti-PID Characteristics

Ensure large-scale production polycrystal module pass PID test

Low-light Performance

High-transmittance glass and surface texturing allow for excellent performance in low-light environment

Load Capacity

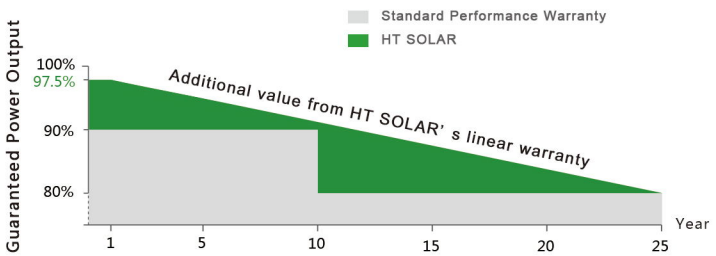
Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)

Harsh Environment Adaptation

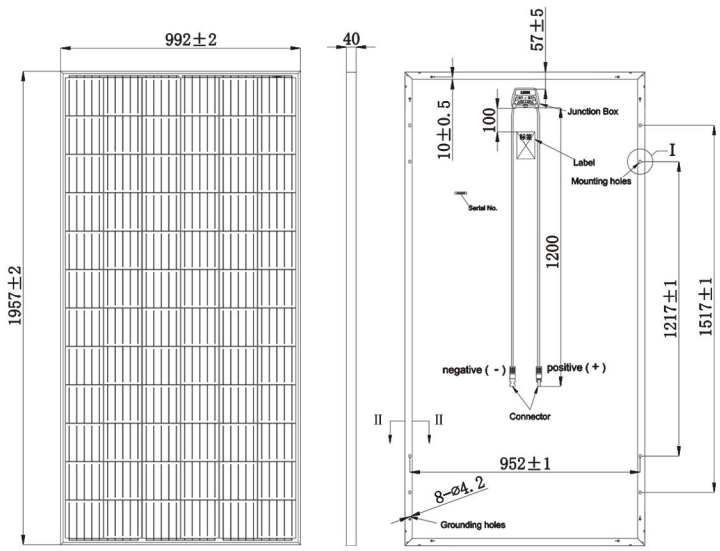
High salt mist and ammonia resistance certified by TUV NORD

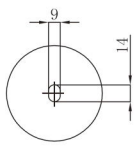
Industry-leading Linear Power Warranty

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

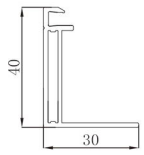


Module Dimensions(mm)





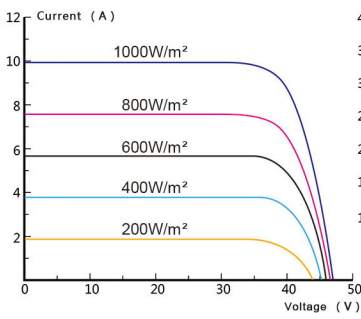
I :Mounting holes



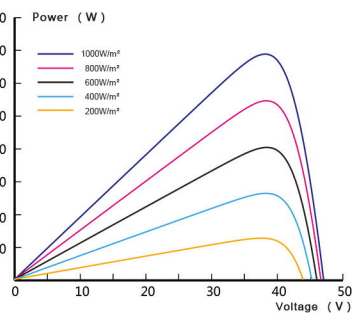
II: Profile sectional drawing

I-V Curve

Current-Voltage Curve (345W)



Power-Voltage Curve (345W)



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	4.0mm² photovoltaic special cable
Connector	MC4 compatiple connector

Packaging Capacity

Each box capacity: 26 pcs
Container load capacity per 40 feet: 572 pcs

Electric Characteristics

Module Type	HTM320PA-72		HTM325PA-72		HTM330PA-72		HTM335PA-72		HTM340PA-72		HTM345PA-72	
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Output Power(Pm)	320W	236W	325W	240W	330W	244W	335W	248W	340W	252W	345W	256W
Maximum Power Voltage(Vmp)	37.04V	34.61V	37.24V	34.79V	37.52V	35.11V	37.79V	35.44V	38.04V	35.75V	38.30V	36.06V
Maximum Power Current(Imp)	8.64A	6.82A	8.73A	6.90A	8.80A	6.95A	8.87A	7.00A	8.94A	7.05A	9.01A	7.10A
Open-circuit Voltage(Voc)	45.32V	42.75V	45.60V	43.15V	45.95V	43.56V	46.30V	43.97V	46.65V	44.38V	47.00V	44.79V
Short-circuit Current(Isc)	9.16A	7.25A	9.23A	7.29A	9.29A	7.34A	9.35A	7.39A	9.41A	7.44A	9.47A	7.49A
Module Conversion Efficiency(STC)	16.48%		16.74%		17.00%		17.26%		17.51%		17.77%	
Maximum System Voltage	1000V/1500V											
Operating Temperature	-40℃~+85℃											
Temperature Coefficient(Pm)	-0.394%℃											
Temperature Coefficient(Voc)	-0.307%℃											
Temperature Coefficient(Isc)	0.04%℃											
Cell Rated Operating Temperature(NOCT)	45±2℃											

STC : Light intensity1000W/m² Module temperature : 25℃ Air quality : AM1.5

NOCT : Light intensity800W/m² Environment temperature : 20℃ Air quality : AM1.5 Wind speed : 1m/s

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