HT SOLAR

www.htsolargroup.com

N-type High-Efficiency Monocrystal Bi-Facial Double Glass Modules

HTM350/355/360/365/370/375DMA-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

Low LCOE

Double-sided power generation, single-sided price
Maximize limited space, savings in BOS and labour cost

High Power Output

Bifacial power generation enhances power generation of the module
The average power generation can increase up to 10% according to different installation environment

Low-light Performance

Relative low temperature coefficient and wide response spectrum guarantee higher power output in haze, cloudy and other low-light conditions

Load Capacity

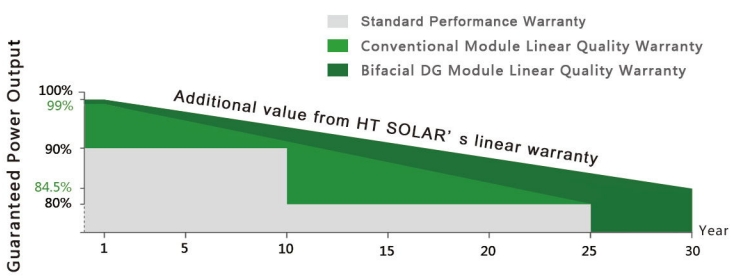
Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)

Wide Application

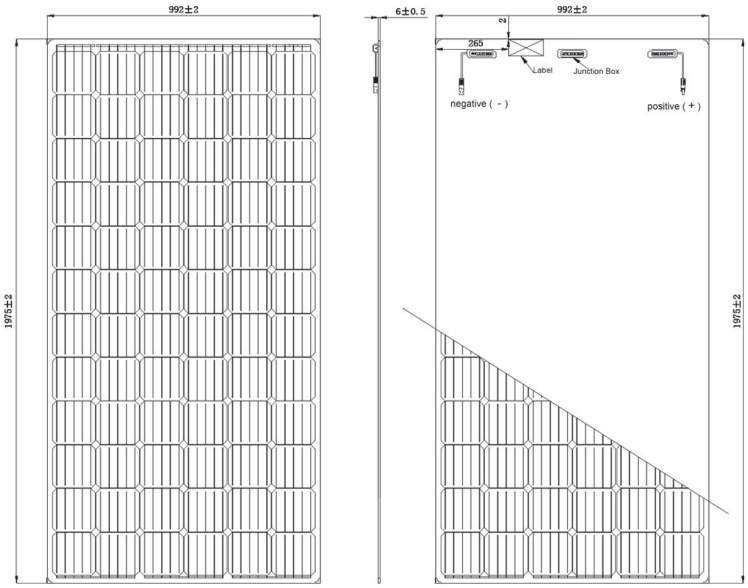
Widely used in BIPV, vertical installation, snow, high humidity and strong winds and sand zones, etc. and applicable to large-scale installation projects such as ground station, agricultural optics complementation, fishing and light complementation

Industry-leading Linear Power Warranty

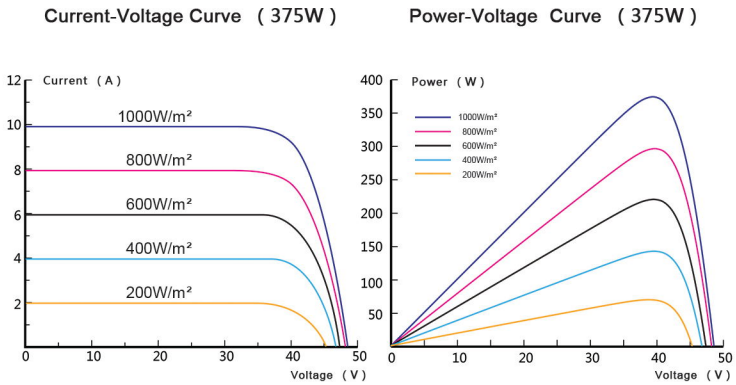
12-year product warranty•30-year linear power warranty



Module Dimensions(mm)



I-V Curve



Quality Assurance

12-year product quality warranty

30-year linear power warranty

Packaging Capacity

Each box capacity: 30 pcs

Container load capacity per 40 feet: 660 pcs

Structure Parameter

Cell Type	156.75x156.75mm Monocrystal
Cell Orientation	72 (6x12)
Module Dimensions	1975x992x6mm
Weight	28kg
Front Glass	2.5mm Semi-tempered coated glass
Back Glass	2.5mm Semi-tempered glass
Junction Box	Protection class IP67
Cable	4.0mm² photovoltaic special cable
Connector	MC4 compatiple connector

Electric Characteristics

Module Type	HTM350DMA-72		HTM355DMA-72		HTM360DMA-72		HTM365DMA-72		HTM370DMA-72		HTM375DMA-72	
Test Conditions	Front	Back	Front	Back	Front	Back	Front	Back	Front	Back	Front	Back
Maximum Output Power(Pm)	350W	296W	355W	300W	360W	305W	365W	310W	370W	315W	375W	320W
Maximum Power Voltage(Vmp)	38.55V	35.16V	38.80V	35.38V	39.09V	35.76V	39.35V	36.01V	39.58V	36.42V	39.81V	36.83V
Maximum Power Current(Imp)	9.08A	8.42A	9.15A	8.48A	9.21A	8.53A	9.28A	8.61A	9.35A	8.65A	9.42A	8.69A
Open-circuit Voltage(Voc)	47.02V	44.50V	47.45V	44.76V	47.77V	45.20V	47.96V	45.85V	48.36V	46.12V	48.71V	46.57V
Short-circuit Current(Isc)	9.59A	8.92A	9.64A	8.98A	9.71A	9.03A	9.78A	9.08A	9.85A	9.12A	9.92A	9.16A
Module Conversion Efficiency(STC)	17.86%	15.11%	18.12%	15.31%	18.37%	15.57%	18.63%	15.82%	18.89%	16.08%	19.14%	16.33%
Maximum System Voltage	1000V/1500V											
Operating Temperature	-40℃~+85℃											
Temperature Coefficient(Pm)	-0.393%℃											
Temperature Coefficient(Voc)	-0.31%℃											
Temperature Coefficient(Isc)	0.041%℃											
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

HT SOLAR

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