HT SOLAR

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

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

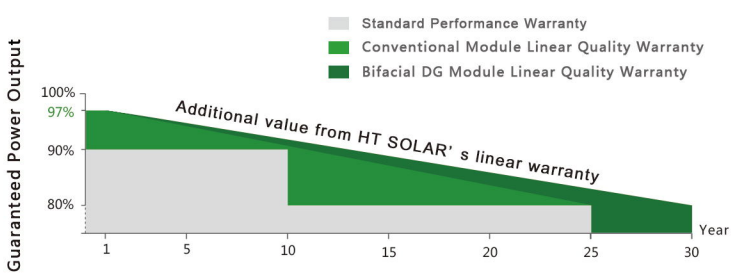
Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)

### Wide Application

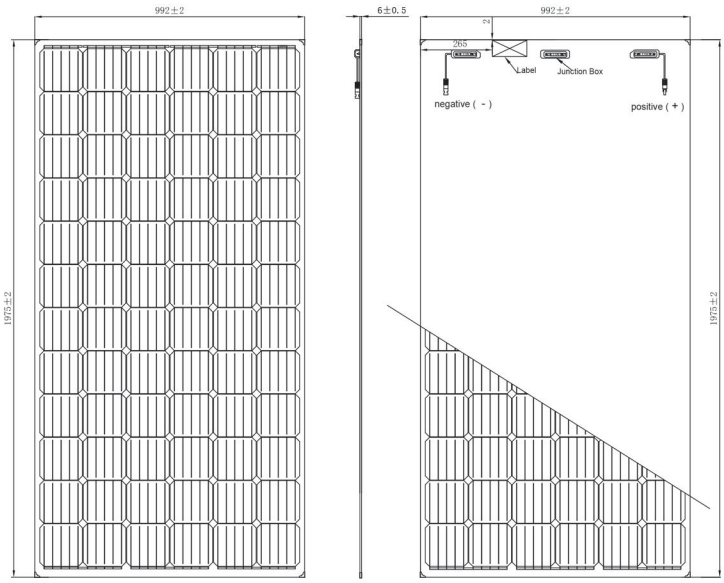
Widely used in BIPV, vertical installation, snow, high humidity and strong winds and sand zones, etc. and applicable to large-scale installation projects such as ground station, agricultural optics complementation, fishing and light complementation

## Industry-leading Linear Power Warranty

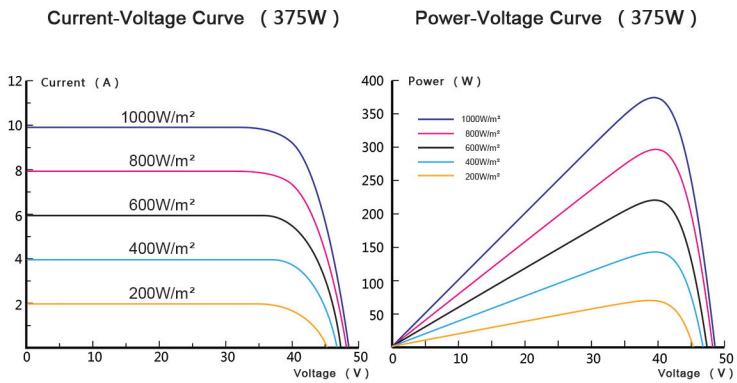
12-year product warranty•30-year linear power warranty



## 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 | 262W | 355W | 266W | 360W | 270W | 365W | 274W | 370W | 278W | 375W | 282W |
| Maximum Power Voltage(Vmp) | 38.55V | 33.70V | 38.80V | 34.00V | 39.09V | 34.30V | 39.35V | 34.68V | 39.58V | 35.06V | 39.81V | 35.39V |
| Maximum Power Current(Imp) | 9.08A | 7.77A | 9.15A | 7.82A | 9.21A | 7.87A | 9.28A | 7.90A | 9.35A | 7.93A | 9.42A | 7.97A |
| Open-circuit Voltage(Voc) | 47.02V | 43.50V | 47.45V | 43.90V | 47.77V | 44.30V | 47.96V | 44.75V | 48.36V | 45.01V | 48.71V | 45.20V |
| Short-circuit Current(Isc) | 9.59A | 8.19A | 9.64A | 8.25A | 9.71A | 8.30A | 9.78A | 8.35A | 9.85A | 8.39A | 9.92A | 8.43A |
| Module Conversion Efficiency(STC) | 17.86% | 13.37% | 18.12% | 13.58% | 18.37% | 13.78% | 18.63% | 13.99% | 18.89% | 14.19% | 19.14% | 14.39% |
| 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

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