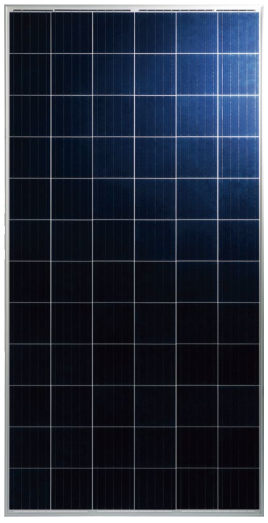
# JT PAg 330-345W

## Polycrystalline Solar Module

### 72 Cells / 1500V DC / 17.8% Maximum Efficiency



## KEY FEATURES

**High module conversion efficiency**
Maximize limited space with high efficiency poly cells

**Highly reliable due to stringent quality control**
100% EL double inspection
In-house testing goes well beyond certification requirements

**Certified to withstand the most challenging environment**
2400 Pa wind load • 5400 Pa snow load • 25 mm hail stones at 82 km/h
salt mist, ammonia corrosion and sand blowing testing

**High system voltage Compatible**
Maximum 1500V DC system voltage saves total system cost

**Temperature Coefficient**
Improved temperature coefficient decreases power loss
during high temperatures

**IP67 junction box**
High waterproof level for long term weather endurance

## QUALIFICATIONS & CERTIFICATES

- IEC 61215, IEC 61730
- ISO 9001: Quality Management System
- ISO 14001: Environment Management System
- OHSAS 18001: Occupational Health and Safety
- IEC TS 62941: Design and Manufacture of Crystalline Silicon Photovoltaic Modules

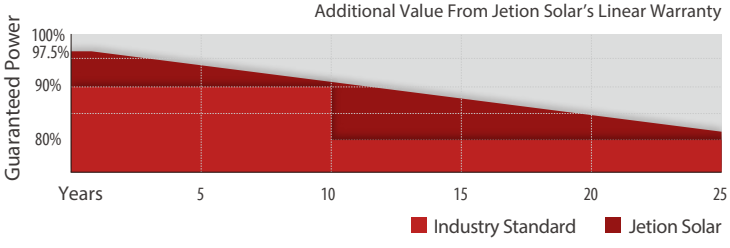
## JETION SOLAR

As a member of CNBM - a Fortune 500 company, Jetion Solar provides various product solutions, global EPC service and financing. Its standard and high-efficiency product offerings are among the most powerful and cost-effective in the industry. Till now, Jetion Solar has cumulatively more than 10 GW module shipment and 1 GW global EPC track records.

## WARRANTY

12 years Product Warranty

25 years Performance Warranty

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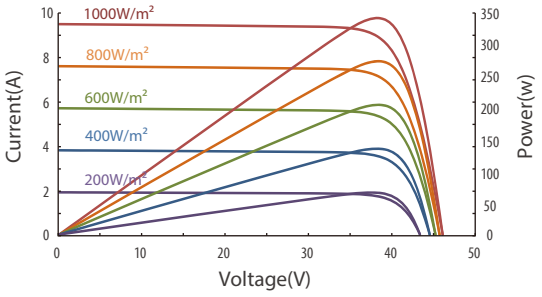
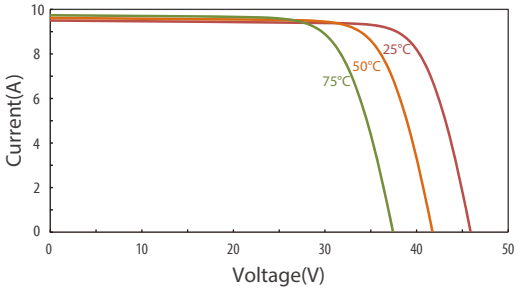
## IV CURVES

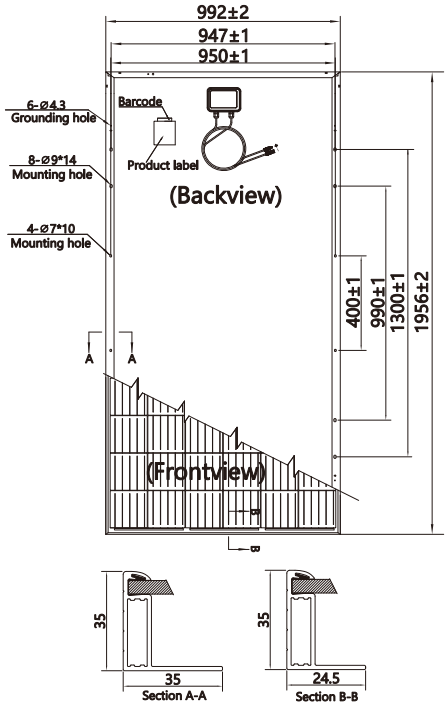
IV Curves of JT340PAg at different irradiances




IV Curves of JT340PAg at different Temp




## DIMENSION




**Remarks**

## ELECTRICAL DATA *STC

| TYPE (Tolerance: 0 - +5W) | JT330PAg | JT335PAg | JT340PAg | JT345PAg |
|---|---|---|---|---|
| Maximum Power Pmax (W) | 330W | 335W | 340W | 345W |
| Maximum Power Voltage Vmp (V) | 37.3 | 37.5 | 37.7 | 37.9 |
| Maximum Power Current Imp (A) | 8.89 | 8.97 | 9.06 | 9.13 |
| Open Circuit Voltage Voc (V) | 45.7 | 45.9 | 46.1 | 46.3 |
| Short Circuit Current Isc (A) | 9.35 | 9.42 | 9.50 | 9.57 |
| Module Efficiency (%) | 17.0% | 17.3% | 17.5% | 17.8% |

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5

## ELECTRICAL DATA *NMOT

| | | | | |
|---|---|---|---|---|
| Maximum Power Pmax (W) | 244.97 | 248.82 | 252.70 | 256.61 |
| Maximum Power Voltage Vmp (V) | 34.6 | 34.8 | 35.0 | 35.2 |
| Maximum Power Current Imp (A) | 7.08 | 7.15 | 7.22 | 7.29 |
| Open Circuit Voltage Voc (V) | 42.4 | 42.6 | 42.8 | 43.0 |
| Short Circuit Current Isc (A) | 7.49 | 7.55 | 7.62 | 7.69 |

NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

## TEMPERATURE RATINGS

| | |
|---|---|
| Temperature Coefficient of Isc (αIsc) | +0.05%/°C |
| Temperature Coefficient of Voc (βVoc) | -0.31%/°C |
| Temperature Coefficient of Pmax (γPmp) | -0.41%/°C |
| Normal Module Operating Temperature (NMOT) | 43°C±2°C |

## OPERATING PARAMETERS

| | |
|---|---|
| Maximum System Voltage | 1000V/DC(IEC)/1500V/DC(IEC) |
| Operating Temperature | -40°C-+85°C |
| Maximum Series Fuse | 20A |
| Maximum Test Load,Push/Pull | 5400Pa/2400Pa |
| Conductivity at Ground | ≤ 0.1Ω |
| Safety Class | II |
| Resistance | ≥100MΩ |
| Voc and Isc Tolerance | ±3% |

## MECHANICAL DATA

| | |
|---|---|
| Solar Cell Type | Poly 157×157 mm(6 inches) |
| Number of Cells | 72 (6×12) |
| Module Dimensions | 1956×992×35 mm(77×39.1×1.4 inches) |
| Weight | 22 kg(48.5 lb) |
| Front Cover | 3.2 mm (0.13 inches), high transmission, AR coated tempered glass |
| Backsheet | White composite film |
| Frame | Silver, anodized aluminium alloy |
| J-Box | ≥IP67 |
| Cable | 4.0 mm² solar cable, 1000 mm(39.4 inches)/customizable |
| Number of diodes | 3 |
| Connector | MC4 EVO2 compatible |

## PACKAGING CONFIGURATION

| | |
|---|---|
| Module per pallet | 30 pieces |
| Module per 40'NOR container | 24 pallets, 720 pieces |

*Installation instruction must be followed.See the installation manual or contact our technical service department for further information on approved installation.
*The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Jetion Solar (China) Co., Ltd. reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein. Jetion Solar_REV_2020_09_EN

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