

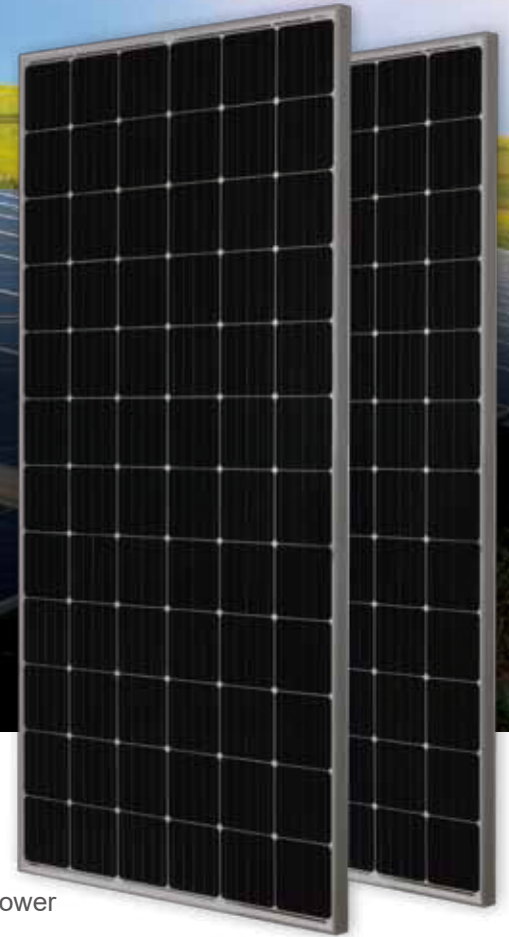


## 350W Module

JAM72S01 330-350/SC/1000V Series

### Introduction

This time-tested legacy module series has been proven to be one of the powerful and most reliable products offered by JA Solar and the most popular choice by PV system installers and customers around worlds.



5 busbar solar cell design



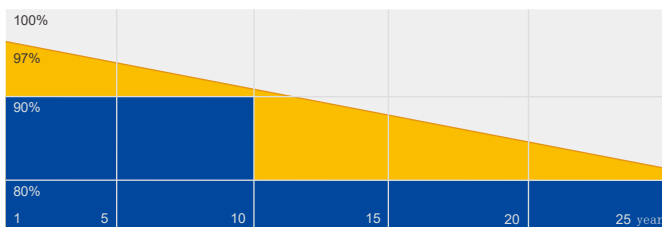
Higher output power



Excellent low-light performance

### Superior Warranty

- 12-year product warranty
- 25-year linear power output warranty



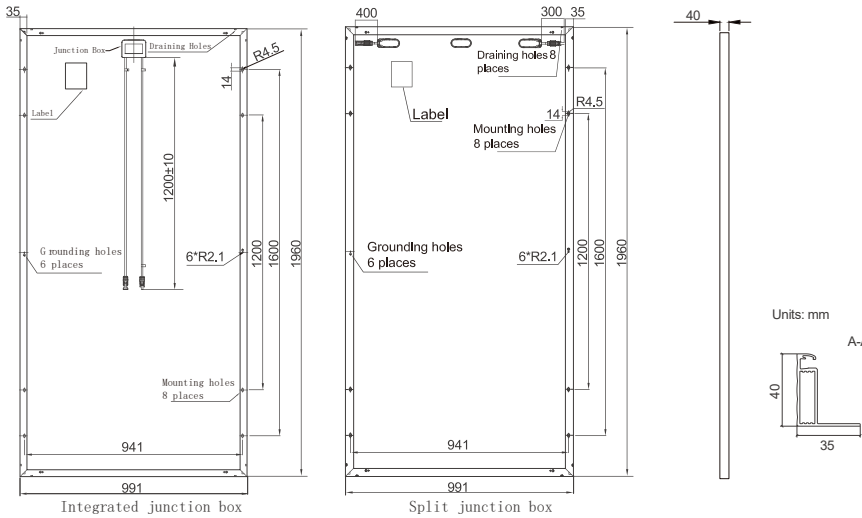
■ JA Linear Power Warranty ■ Industry Warranty

### Comprehensive Certificates

- IEC 61215, IEC 61730
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems



**MECHANICAL DIAGRAMS**



Remark: customized frame color and cable length available upon request

**SPECIFICATIONS**

|                          |  |
|--------------------------|--|
| Cell                     | Mono   |
| Weight                   | 22.5kg±3%  |
| Dimensions               | 1960mm×991mm×40mm  |
| Cable Cross Section Size | 4mm <sup>2</sup>   |
| No. of cells             | 72(6x12)   |
| Connector                | PV-ZH202<br>PV-KBT4/6II(female),PV-KST4/6II(male)<br>QC4.10<br>Helios H4<br>H4 UTX |
| Country of Manufacturer  | China/Vietnam  |

**ELECTRICAL PARAMETERS AT STC**

| TYPE   | JAM72S01-330/SC /1000V  | JAM72S01-335/SC /1000V | JAM72S01-340/SC /1000V | JAM72S01-345/SC /1000V | JAM72S01-350/SC /1000V |
|--|---|------------------------|------------------------|------------------------|------------------------|
| Rated Maximum Power(Pmax) [W]                      | 330   | 335                    | 340                    | 345                    | 350                    |
| Open Circuit Voltage(Voc) [V]                      | 45.85   | 46.09                  | 46.32                  | 46.61                  | 46.89                  |
| Maximum Power Voltage(Vmp) [V]                     | 37.38   | 37.60                  | 37.87                  | 38.17                  | 38.46                  |
| Short Circuit Current(Isc) [A]                     | 9.42  | 9.51                   | 9.60                   | 9.68                   | 9.75                   |
| Maximum Power Current(Imp) [A]                     | 8.83  | 8.91                   | 8.98                   | 9.05                   | 9.11                   |
| Module Efficiency [%]                              | 17.0  | 17.2                   | 17.5                   | 17.8                   | 18.0                   |
| Power Tolerance                                    | 0~+5W   |                        |                        |                        |                        |
| Temperature Coefficient of Isc(α <sub>Isc</sub> )  | +0.059%/°C  |                        |                        |                        |                        |
| Temperature Coefficient of Voc(β <sub>Voc</sub> )  | -0.330%/°C  |                        |                        |                        |                        |
| Temperature Coefficient of Pmax(γ <sub>Pmp</sub> ) | -0.400%/°C  |                        |                        |                        |                        |
| STC  | Irradiance 1000W/m <sup>2</sup> , cell temperature 25°C, AM1.5G |                        |                        |                        |                        |

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer.They only serve for comparison among different module types.

**ELECTRICAL PARAMETERS AT NOCT**

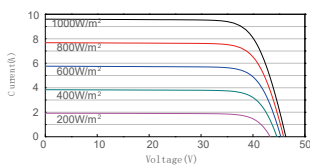
| TYPE                           | JAM72S01-330/SC/1000V  | JAM72S01-335/SC/1000V | JAM72S01-340/SC/1000V | JAM72S01-345/SC/1000V | JAM72S01-350/SC/1000V |
|--------------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|
| Rated Max Power(Pmax) [W]      | 243  | 246                   | 250                   | 254                   | 257                   |
| Open Circuit Voltage(Voc) [V]  | 42.68  | 42.89                 | 43.11                 | 43.32                 | 43.51                 |
| Max Power Voltage(Vmp) [V]     | 34.50  | 34.63                 | 34.76                 | 34.83                 | 35.00                 |
| Short Circuit Current(Isc) [A] | 7.38   | 7.45                  | 7.52                  | 7.59                  | 7.65                  |
| Max Power Current(Imp) [A]     | 7.03   | 7.11                  | 7.19                  | 7.28                  | 6.95                  |
| NOCT                           | Irradiance 800W/m <sup>2</sup> , ambient temperature 20°C, wind speed 1m/s, AM1.5G |                       |                       |                       |                       |

**OPERATING CONDITIONS**

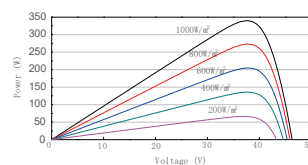
|                           |               |
|---------------------------|---------------|
| Maximum System Voltage    | 1000V DC(IEC) |
| Operating Temperature     | -40°C~+85°C   |
| Maximum Series Fuse       | 20A           |
| Maximum Static Load,Front | 3600Pa,1.5    |
| Maximum Static Load,Back  | 1600Pa,1.5    |
| NOCT                      | 45±2°C        |
| Application Class         | Class A       |

**CHARACTERISTICS**

Current-Voltage Curve JAM72S01-340/SC/1000V



Power-Voltage Curve JAM72S01-340/SC/1000V



Current-Voltage Curve JAM72S01-340/SC/1000V

