

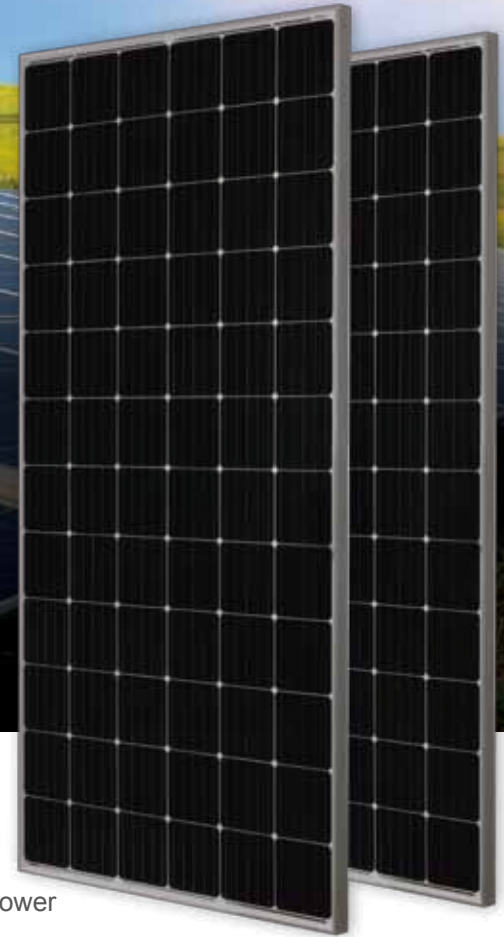


370W PERC Module

JAM72S01 350-370/PR Series

Introduction

Powered by high-efficiency PERCIUM cells, this series of high-performance modules provides the most cost-effective solution for lowering the LCOE of any PV systems large or small.



5 busbar solar cell design



Higher output power



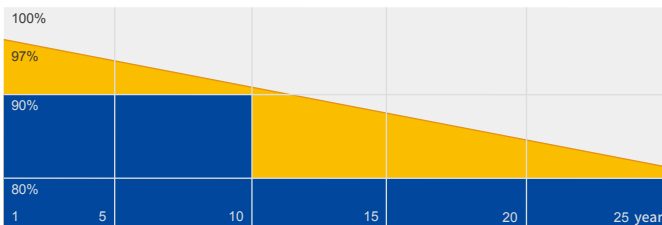
Excellent low-light performance



Lower temperature coefficient

Superior Warranty

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



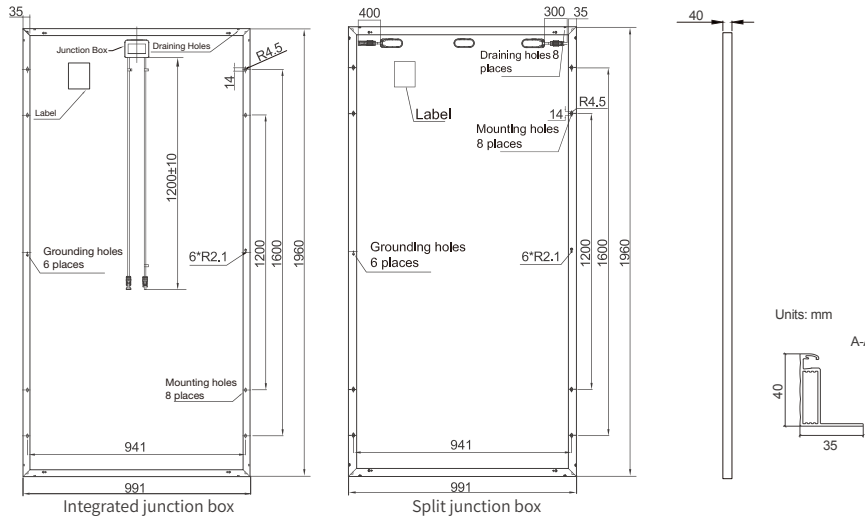
■ JA Linear Power Warranty ■ Industry Warranty

Comprehensive Certificates

- IEC 61215, IEC 61730, UL 1703, IEC TS 62804, IEC 61701, IEC 62716, IEC 60068-2-68
- ISO 9001: 2015 Quality management systems
- ISO 14001: 2015 Environmental management systems
- OHSAS 18001: 2007 Occupational health and safety management systems
- IEC TS 62941: 2016 Terrestrial photovoltaic (PV) modules – Guidelines for increased confidence in PV module design qualification and type approval



MECHANICAL DIAGRAMS



SPECIFICATIONS

| | |
|--------------------------|--|
| Cell | Mono |
| Weight | 22kg±3% |
| Dimensions | 1960mm×991mm×40mm |
| Cable Cross Section Size | 4mm ² |
| No. of cells | 72(6x12) |
| Junction Box | IP67, 3 diodes |
| Connector | MC4 Compatible(1000V) QC 4.10-35(1500V) |
| Packaging Configuration | 27 Per Pallet |

Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC

| TYPE | JAM72S01 -350/PR | JAM72S01 -355/PR | JAM72S01 -360/PR | JAM72S01 -365/PR | JAM72S01 -370/PR |
|--|---|---------------------|---------------------|---------------------|---------------------|
| Rated Maximum Power(Pmax) [W] | 350 | 355 | 360 | 365 | 370 |
| Open Circuit Voltage(Voc) [V] | 47.24 | 47.45 | 47.66 | 47.93 | 48.18 |
| Maximum Power Voltage(Vmp) [V] | 38.58 | 38.76 | 38.96 | 39.21 | 39.45 |
| Short Circuit Current(Isc) [A] | 9.61 | 9.69 | 9.81 | 9.85 | 9.91 |
| Maximum Power Current(Imp) [A] | 9.07 | 9.16 | 9.24 | 9.31 | 9.38 |
| Module Efficiency [%] | 18.0 | 18.3 | 18.5 | 18.8 | 19.0 |
| Power Tolerance | 0~+5W | | | | |
| Temperature Coefficient of Isc(α _{Isc}) | +0.060%/°C | | | | |
| Temperature Coefficient of Voc(β _{Voc}) | -0.300%/°C | | | | |
| Temperature Coefficient of Pmax(γ _{Pmp}) | -0.380%/°C | | | | |
| STC | Irradiance 1000W/m ² , 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

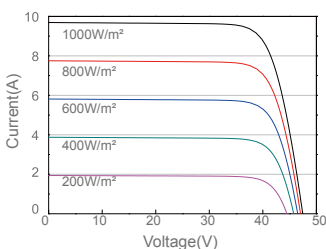
| TYPE | JAM72S01 -350/PR | JAM72S01 -355/PR | JAM72S01 -360/PR | JAM72S01 -365/PR | JAM72S01 -370/PR |
|--------------------------------|---|---------------------|---------------------|---------------------|---------------------|
| Rated Max Power(Pmax) [W] | 257 | 261 | 265 | 268 | 272 |
| Open Circuit Voltage(Voc) [V] | 43.68 | 43.88 | 44.10 | 44.33 | 44.55 |
| Max Power Voltage(Vmp) [V] | 35.78 | 35.81 | 36.03 | 36.25 | 36.50 |
| Short Circuit Current(Isc) [A] | 7.61 | 7.68 | 7.74 | 7.80 | 7.86 |
| Max Power Current(Imp) [A] | 7.19 | 7.29 | 7.34 | 7.40 | 7.45 |
| NOCT | Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s, AM1.5G | | | | |

OPERATING CONDITIONS

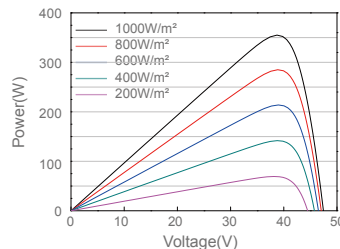
| | |
|---------------------------|---------------------|
| Maximum System Voltage | 1000V/1500V DC(IEC) |
| Operating Temperature | -40°C~+85°C |
| Maximum Series Fuse | 20A |
| Maximum Static Load,Front | 5400Pa |
| Maximum Static Load,Back | 2400Pa |
| NOCT | 45±2°C |
| Application Class | Class A |

CHARACTERISTICS

Current-Voltage Curve JAM72S01-355/PR



Power-Voltage Curve JAM72S01-355/PR



Current-Voltage Curve JAM72S01-355/PR

