

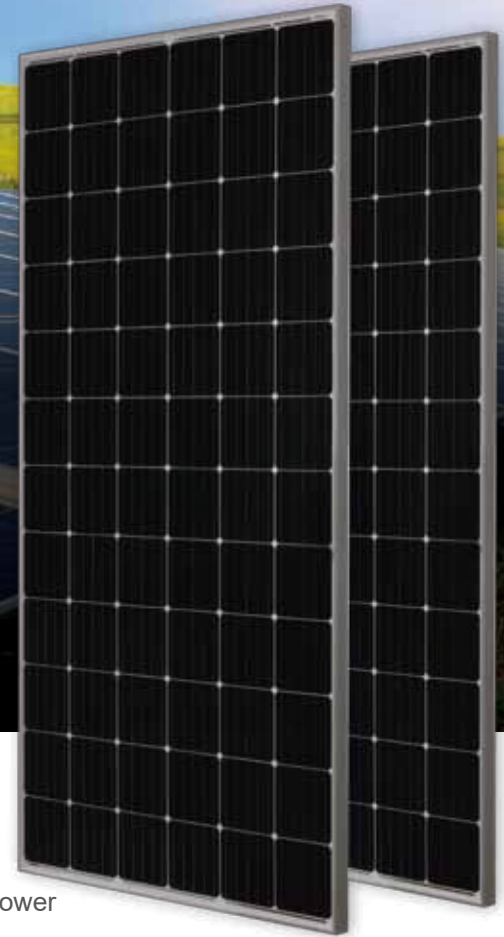


390W PERC Module

JAM72S01 370-390/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



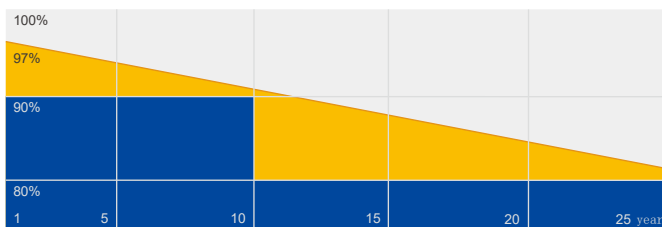
Excellent low-light performance



Lower temperature coefficient

Superior Warranty

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



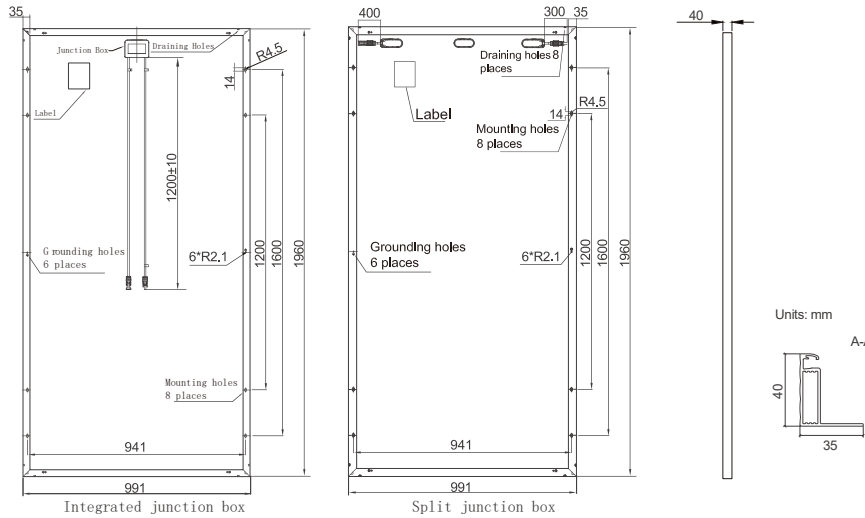
■ JA Linear Power Warranty ■ Industry Warranty

Comprehensive Certificates

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



MECHANICAL DIAGRAMS



SPECIFICATIONS

| | |
|--------------------------|---|
| Cell | Mono |
| Weight | 22.5kg±3% |
| Dimensions | 1960mm×991mm×40mm |
| Cable Cross Section Size | 4mm ² |
| No. of cells | 72(6x12) PV-ZH202B PV-KST4-EV02/xy, PV-KBT4-EV02/xy |
| Connector | QC4.10-35/45 TL-Cable01S-F UTXCFA4AM, UTXCMA4AM |
| Country of Manufacturer | China/Vietnam |

Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC

| TYPE | JAM72S01 -370/PR | JAM72S01 -375/PR | JAM72S01 -380/PR | JAM72S01 -385/PR | JAM72S01 -390/PR |
|--|---|---------------------|---------------------|---------------------|---------------------|
| Rated Maximum Power(Pmax) [W] | 370 | 375 | 380 | 385 | 390 |
| Open Circuit Voltage(Voc) [V] | 48.18 | 48.45 | 48.71 | 48.98 | 49.28 |
| Maximum Power Voltage(Vmp) [V] | 39.45 | 39.75 | 40.03 | 40.29 | 40.61 |
| Short Circuit Current(Isc) [A] | 9.91 | 9.98 | 10.05 | 10.11 | 10.16 |
| Maximum Power Current(Imp) [A] | 9.38 | 9.44 | 9.50 | 9.56 | 9.61 |
| Module Efficiency [%] | 19.0 | 19.3 | 19.6 | 19.8 | 20.1 |
| 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

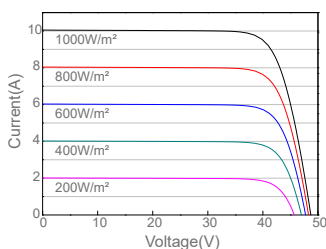
| TYPE | JAM72S01 -370/PR | JAM72S01 -375/PR | JAM72S01 -380/PR | JAM72S01 -385/PR | JAM72S01 -390/PR |
|--------------------------------|---|---------------------|---------------------|---------------------|---------------------|
| Rated Max Power(Pmax) [W] | 272 | 276 | 279 | 283 | 287 |
| Open Circuit Voltage(Voc) [V] | 44.55 | 44.81 | 45.09 | 45.38 | 45.66 |
| Max Power Voltage(Vmp) [V] | 36.50 | 36.75 | 36.99 | 37.23 | 37.47 |
| Short Circuit Current(Isc) [A] | 7.86 | 7.91 | 7.96 | 8.01 | 8.06 |
| Max Power Current(Imp) [A] | 7.45 | 7.50 | 7.55 | 7.60 | 7.65 |
| NOCT | Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s, AM1.5G | | | | |

OPERATING CONDITIONS

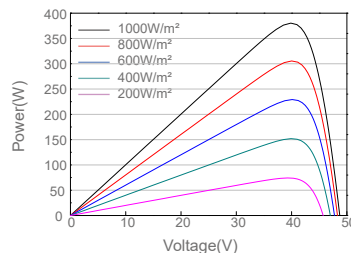
| | |
|---------------------------|---------------|
| Maximum System Voltage | 1500V DC(IEC) |
| Operating Temperature | -40°C~+85°C |
| Maximum Series Fuse | 20A |
| Maximum Static Load,Front | 3600Pa, 1.5 |
| Maximum Static Load,Back | 1600Pa, 1.5 |
| NOCT | 45±2°C |
| Application Class | Class A |

CHARACTERISTICS

Current-Voltage Curve JAM72S01-380/PR



Power-Voltage Curve JAM72S01-380/PR



Current-Voltage Curve JAM72S01-380/PR

