

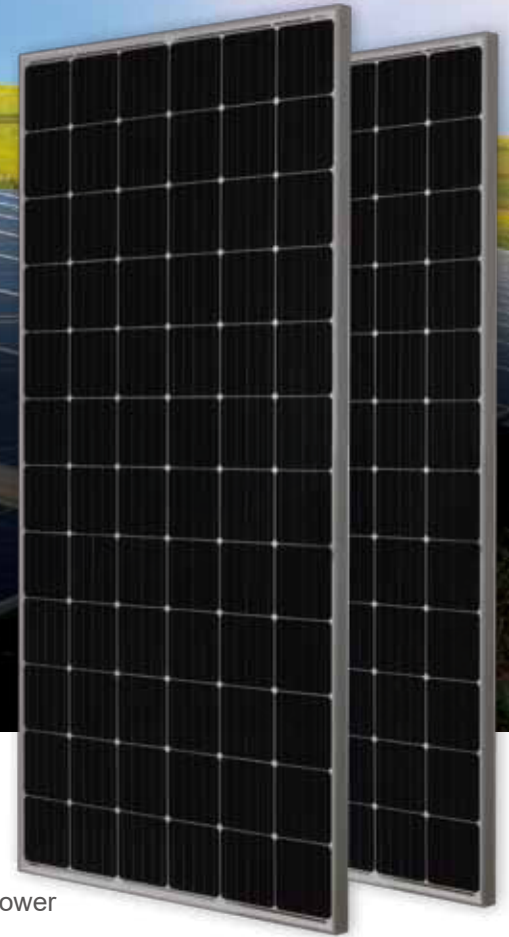


## 375W PERC Module

JAM72S01 355-375/PR/1000V 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



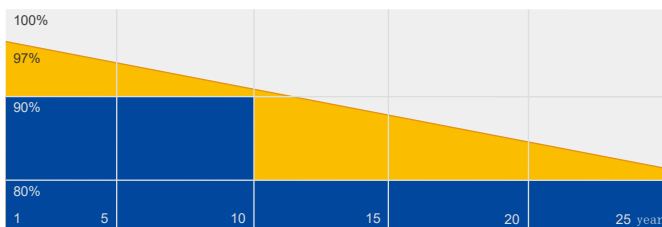
Excellent low-light performance



Lower temperature coefficient

### Superior Warranty

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



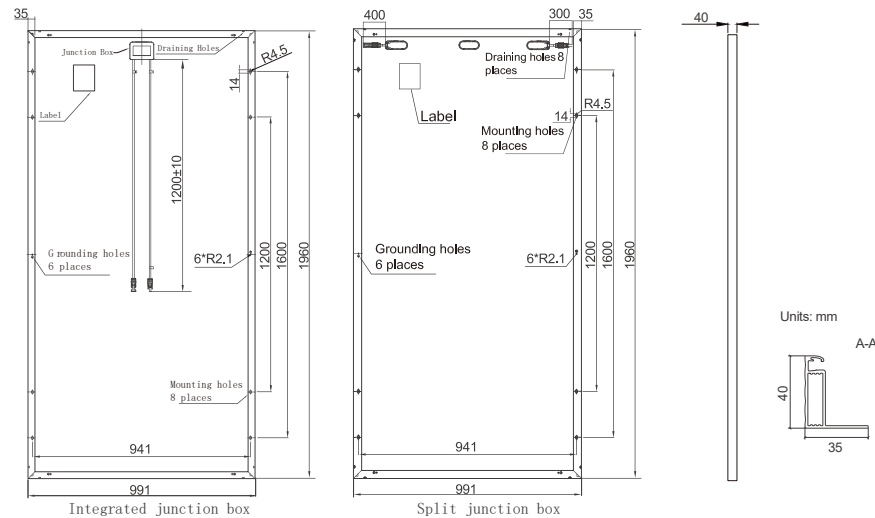
■ JA Linear Power Warranty ■ Industry Warranty

### 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



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 PV-KBT4/6II(female), PV-KST4/6II(male) QC4.10 Helios H4 H4 UTX
Country of Manufacturer	China/Vietnam

## ELECTRICAL PARAMETERS AT STC

TYPE	JAM72S01-355/PR/1000V	JAM72S01-360/PR/1000V	JAM72S01-365/PR/1000V	JAM72S01-370/PR/1000V	JAM72S01-375/PR/1000V
Rated Maximum Power(P <sub>max</sub> ) [W]	355	360	365	370	375
Open Circuit Voltage(V <sub>oc</sub> ) [V]	47.45	47.66	47.93	48.18	48.45
Maximum Power Voltage(V <sub>mp</sub> ) [V]	38.76	38.96	39.21	39.45	39.75
Short Circuit Current(I <sub>sc</sub> ) [A]	9.69	9.81	9.85	9.91	9.98
Maximum Power Current(I <sub>mp</sub> ) [A]	9.16	9.24	9.31	9.38	9.44
Module Efficiency [%]	18.3	18.5	18.8	19.0	19.3
Power Tolerance	0~+5W				
Temperature Coefficient of I <sub>sc</sub> (α <sub>Isc</sub> )	+0.060%/°C				
Temperature Coefficient of V <sub>oc</sub> (β <sub>Voc</sub> )	-0.300%/°C				
Temperature Coefficient of P <sub>max</sub> (γ <sub>Pmp</sub> )	-0.380%/°C				
STC	Irradiance 1000W/m <sup>2</sup> , cell temperature 25°C, AM1.5G				

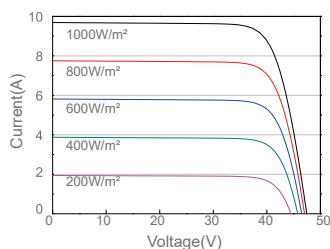
Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

## ELECTRICAL PARAMETERS AT NOCT

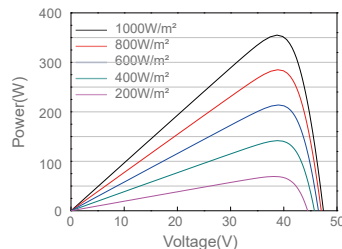
TYPE	JAM72S01-355/PR/1000V	JAM72S01-360/PR/1000V	JAM72S01-365/PR/1000V	JAM72S01-370/PR/1000V	JAM72S01-375/PR/1000V	OPERATING CONDITIONS	
Rated Max Power(P <sub>max</sub> ) [W]	261	265	268	272	276	Maximum System Voltage	1000V DC(IEC)
Open Circuit Voltage(V <sub>oc</sub> ) [V]	43.88	44.10	44.33	44.55	44.81	Operating Temperature	-40°C~+85°C
Max Power Voltage(V <sub>mp</sub> ) [V]	35.81	36.03	36.25	36.50	36.75	Maximum Series Fuse	20A
Short Circuit Current(I <sub>sc</sub> ) [A]	7.68	7.74	7.80	7.86	7.91	Maximum Static Load, Front	3600Pa, 1.5
Max Power Current(I <sub>mp</sub> ) [A]	7.29	7.34	7.40	7.45	7.50	Maximum Static Load, Back	1600Pa, 1.5
NOCT	Irradiance 800W/m <sup>2</sup> , ambient temperature 20°C, wind speed 1m/s, AM1.5G					NOCT	45±2°C
						Application Class	Class A

## CHARACTERISTICS

Current-Voltage Curve JAM72S01-355/PR/1000V



Power-Voltage Curve JAM72S01-355/PR/1000V



Current-Voltage Curve JAM72S01-355/PR/1000V

