



## 385W PERC Half-Cell Module

JAM72S03 360-385/PR/1000V Series

### Introduction

Assembled with high-efficiency PERC cells, the half-cell configuration of the modules offers the advantages of higher power output, better temperature-dependent performance, reduced shading effect on the energy generation, lower risk of hot spot, as well as enhanced tolerance for mechanical loading.



Higher output power



Lower temperature coefficient



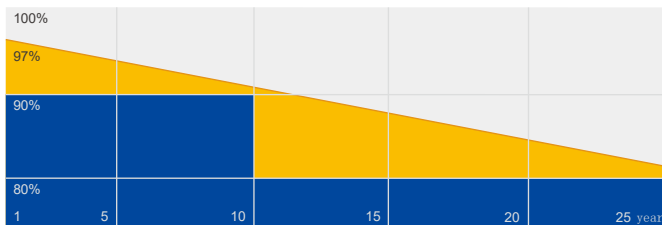
Less shading effect



Better mechanical loading tolerance

### Superior Warranty

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



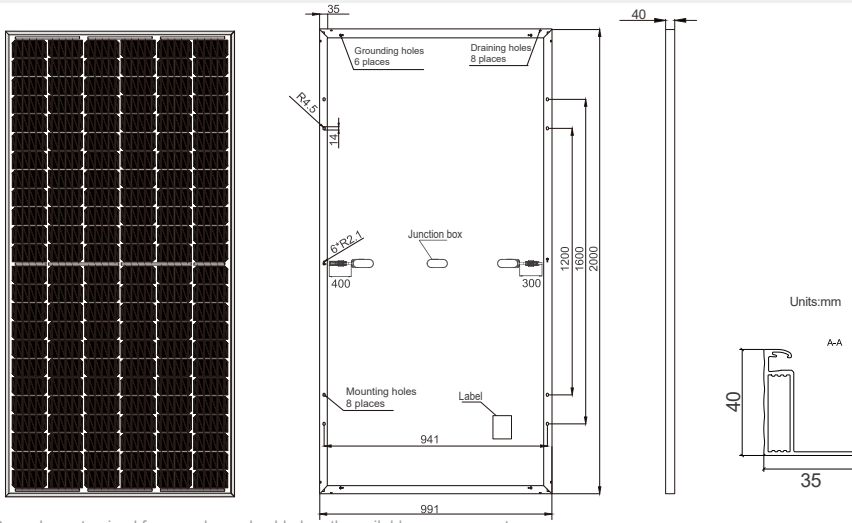
■ JA Linear Power Warranty ■ Industry Warranty

### 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	2000mm×991mm×40mm
Cable Cross Section Size	4mm <sup>2</sup>
No. of cells	144 (6×24)
Connector	Genuine MC4 QC4.10
Country of Manufacturer	China/Vietnam

Remark: customized frame color and cable length available upon request

**ELECTRICAL PARAMETERS AT STC**

TYPE	JAM72S03-360/PR/1000V	JAM72S03-365/PR/1000V	JAM72S03-370/PR/1000V	JAM72S03-375/PR/1000V	JAM72S03-380/PR/1000V	JAM72S03-385/PR/1000V
Rated Maximum Power(Pmax) [W]	360	365	370	375	380	385
Open Circuit Voltage(Voc) [V]	46.98	47.30	47.56	47.78	48.05	48.32
Maximum Power Voltage(Vmp) [V]	38.73	39.05	39.36	39.58	39.80	40.07
Short Circuit Current(Isc) [A]	9.87	9.92	9.97	10.03	10.09	10.15
Maximum Power Current(Imp) [A]	9.30	9.35	9.41	9.48	9.55	9.61
Module Efficiency [%]	18.2	18.4	18.7	18.9	19.2	19.4
Power Tolerance	0~+5W					
Temperature Coefficient of Isc(α <sub>Isc</sub> )	+0.051%/°C					
Temperature Coefficient of Voc(β <sub>Voc</sub> )	-0.289%/°C					
Temperature Coefficient of Pmax(γ <sub>Pmp</sub> )	-0.360%/°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.

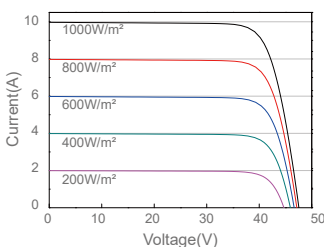
**ELECTRICAL PARAMETERS AT NOCT**

**OPERATING CONDITIONS**

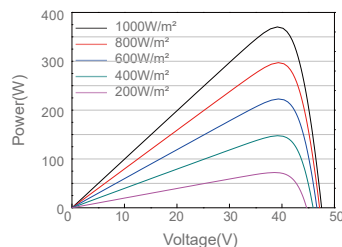
TYPE	JAM72S03-360/PR/1000V	JAM72S03-365/PR/1000V	JAM72S03-370/PR/1000V	JAM72S03-375/PR/1000V	JAM72S03-380/PR/1000V	JAM72S03-385/PR/1000V	Maximum System Voltage	1000V DC(IEC)
Rated Max Power(Pmax) [W]	266	270	274	278	281	285	Operating Temperature	-40°C~+85°C
Open Circuit Voltage(Voc) [V]	43.48	43.80	44.06	44.28	44.51	44.80	Maximum Series Fuse	20A
Max Power Voltage(Vmp) [V]	35.81	36.11	36.37	36.59	36.81	37.05	Maximum Static Load,Front	3600Pa, 1.5
Short Circuit Current(Isc) [A]	7.90	7.94	7.98	8.02	8.08	8.13	Maximum Static Load,Back	1600Pa, 1.5
Max Power Current(Imp) [A]	7.44	7.48	7.53	7.58	7.64	7.69	NOCT	45±2°C
NOCT	Irradiance 800W/m <sup>2</sup> , ambient temperature 20°C, wind speed 1m/s, AM1.5G						Application Class	Class A

**CHARACTERISTICS**

Current-Voltage Curve JAM72S03-370/PR/1000V



Power-Voltage Curve JAM72S03-370/PR/1000V



Current-Voltage Curve JAM72S03-370/PR/1000V

