



## 385W PERC Black Module

JAM72S12 365-385/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



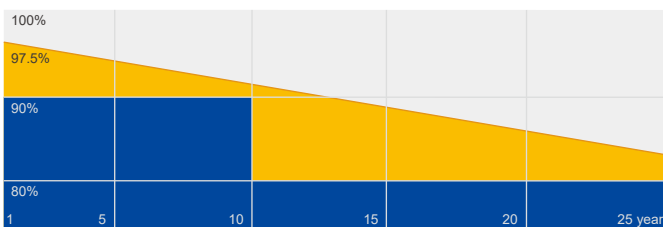
Excellent low-light performance



Lower temperature coefficient

### Superior Warranty

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



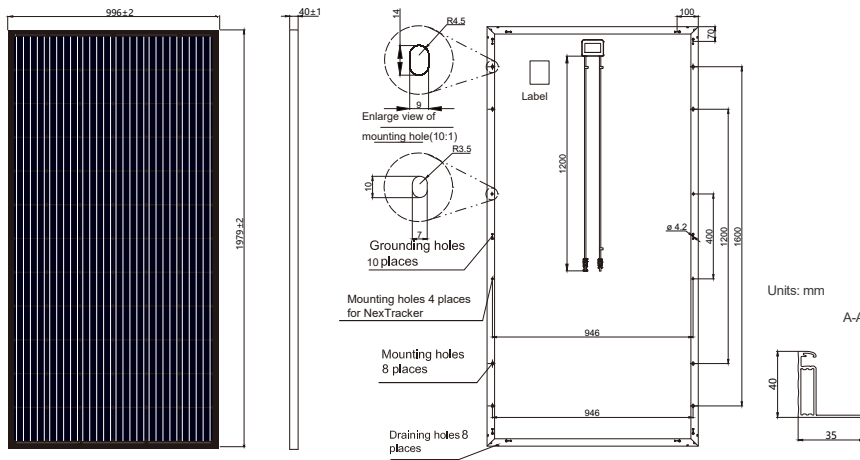
■ JA Linear Power Warranty ■ Industry Warranty

### 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**



**SPECIFICATIONS**

Cell	Mono
Weight	22.3kg±3%
Dimensions	1979±2mm×996±2mm×40±1mm
Cable Cross Section Size	4mm <sup>2</sup>
No. of cells	72(6x12)
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	JAM72S12 -365/PR/1000V	JAM72S12 -370/PR/1000V	JAM72S12 -375/PR/1000V	JAM72S12 -380/PR/1000V	JAM72S12 -385/PR/1000V
Rated Maximum Power(Pmax) [W]	365	370	375	380	385
Open Circuit Voltage(Voc) [V]	47.89	48.18	48.47	48.75	49.04
Maximum Power Voltage(Vmp) [V]	38.67	38.99	39.27	39.59	39.90
Short Circuit Current(Isc) [A]	9.96	10.01	10.06	10.12	10.17
Maximum Power Current(Imp) [A]	9.44	9.49	9.55	9.60	9.65
Module Efficiency [%]	18.5	18.8	19.0	19.3	19.5
Power Tolerance	0~+5W				
Temperature Coefficient of Isc(α <sub>Isc</sub> )	+0.060%/°C				
Temperature Coefficient of Voc(β <sub>Voc</sub> )	-0.300%/°C				
Temperature Coefficient of Pmax(γ <sub>Pmp</sub> )	-0.370%/°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.  
Measurement tolerance at STC: Pmax ±3%, Voc ±2% and Isc ±4%

\*For NexTracker installations static loading performance: front load measures 2400Pa, while back load measures 2400Pa.

**ELECTRICAL PARAMETERS AT NOCT**

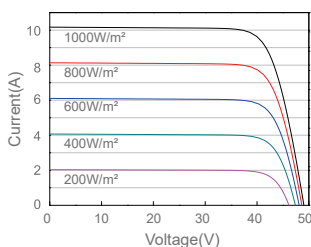
TYPE	JAM72S12 -365/PR/1000V	JAM72S12 -370/PR/1000V	JAM72S12 -375/PR/1000V	JAM72S12 -380/PR/1000V	JAM72S12 -385/PR/1000V
Rated Max Power(Pmax) [W]	270	274	278	281	285
Open Circuit Voltage(Voc) [V]	45.24	45.55	45.86	46.15	46.47
Max Power Voltage(Vmp) [V]	36.45	36.75	37.05	37.34	37.64
Short Circuit Current(Isc) [A]	7.87	7.91	7.95	7.99	8.03
Max Power Current(Imp) [A]	7.41	7.45	7.49	7.53	7.57
NOCT	Irradiance 800W/m <sup>2</sup> , ambient temperature 20°C, wind speed 1m/s, AM1.5G				

**OPERATING CONDITIONS**

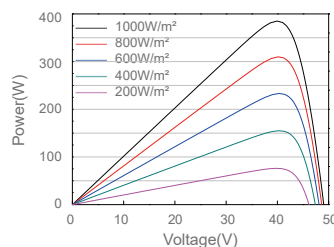
Maximum System Voltage	1000V DC(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Maximum Static Load,Front*	5400Pa
Maximum Static Load,Back*	2400Pa
NOCT	45±2°C
Application Class	Class A

**CHARACTERISTICS**

Current-Voltage Curve JAM72S12-385/PR/1000V



Power-Voltage Curve JAM72S12-385/PR/1000V



Current-Voltage Curve JAM72S12-385/PR/1000V

