

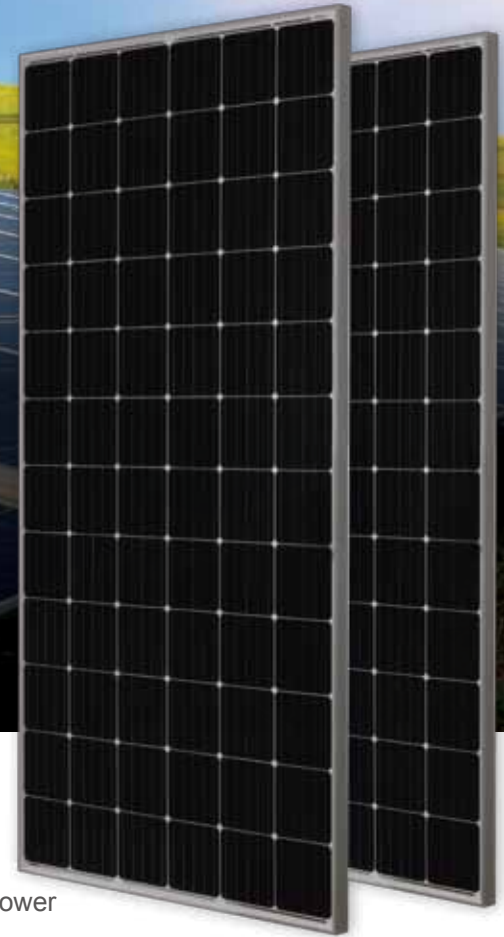


## 395W PERC Module

JAM72S01 375-395/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



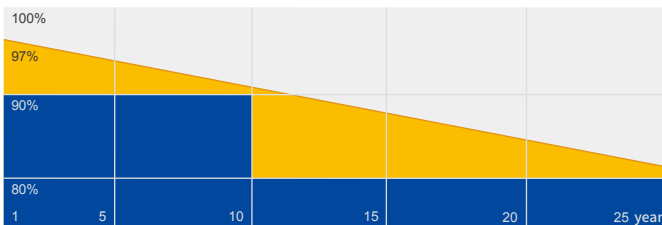
Excellent low-light performance



Lower temperature coefficient

### Superior Warranty

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



■ JA Linear Power Warranty ■ Industry Warranty

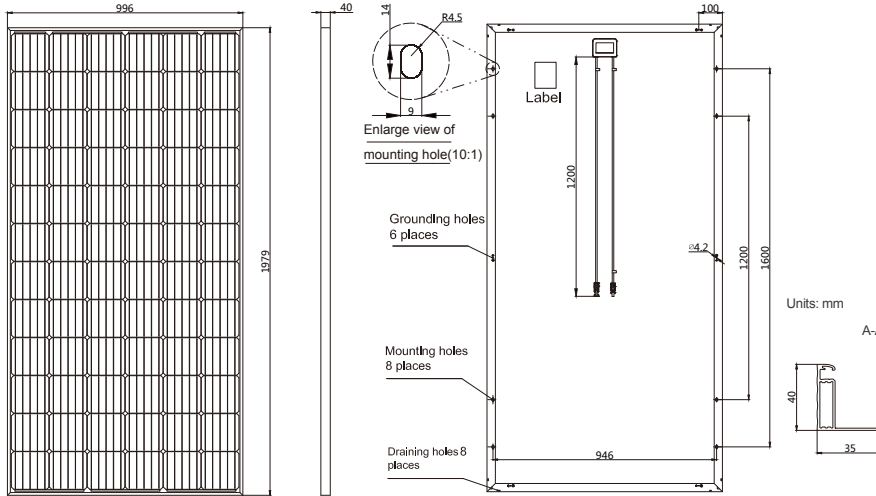
### Comprehensive Certificates

- 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
- 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 PERC 158.75×158.75mm
Weight	22.3kg±3%
Dimensions	1979mm×996mm×40mm
Cable Cross Section Size	4mm <sup>2</sup>
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 -375/PR	JAM72S01 -380/PR	JAM72S01 -385/PR	JAM72S01 -390/PR	JAM72S01 -395/PR
Rated Maximum Power(Pmax) [W]	375	380	385	390	395
Open Circuit Voltage(Voc) [V]	48.45	48.71	48.98	49.28	49.57
Maximum Power Voltage(Vmp) [V]	39.75	40.03	40.29	40.61	40.90
Short Circuit Current(Isc) [A]	9.98	10.05	10.11	10.16	10.22
Maximum Power Current(Imp) [A]	9.44	9.50	9.56	9.61	9.66
Module Efficiency [%]	19.0	19.3	19.5	19.8	20.0
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> )	-0.380%/°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.

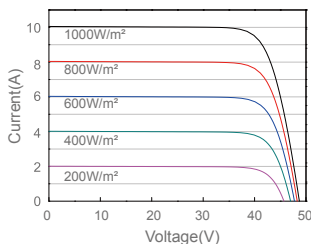
ELECTRICAL PARAMETERS AT NOCT

OPERATING CONDITIONS

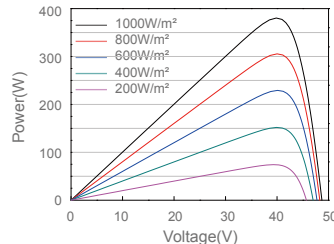
TYPE	JAM72S01 -375/PR	JAM72S01 -380/PR	JAM72S01 -385/PR	JAM72S01 -390/PR	JAM72S01 -395/PR	Maximum System Voltage	1000V/1500V DC(IEC)
Rated Max Power(Pmax) [W]	276	279	283	287	290	Operating Temperature	-40°C~+85°C
Open Circuit Voltage(Voc) [V]	44.81	45.09	45.38	45.66	45.94	Maximum Series Fuse	20A
Max Power Voltage(Vmp) [V]	36.75	36.99	37.23	37.47	37.71	Maximum Static Load,Front	5400Pa
Short Circuit Current(Isc) [A]	7.91	7.96	8.01	8.06	8.11	Maximum Static Load,Back	2400Pa
Max Power Current(Imp) [A]	7.50	7.55	7.60	7.65	7.70	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 JAM72S01-380/PR



Power-Voltage Curve JAM72S01-380/PR



Current-Voltage Curve JAM72S01-380/PR

