Harvest the Sunshine



Mono

395W PERC Half-Cell Black Module
JAM72S08 375-395/PR/1000V Series

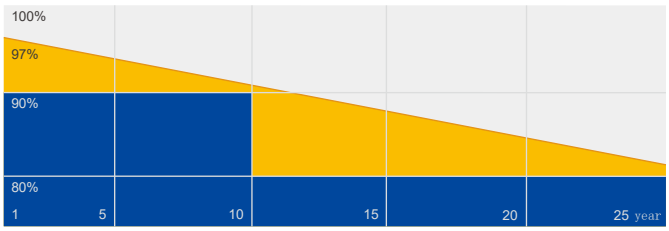
Introduction

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

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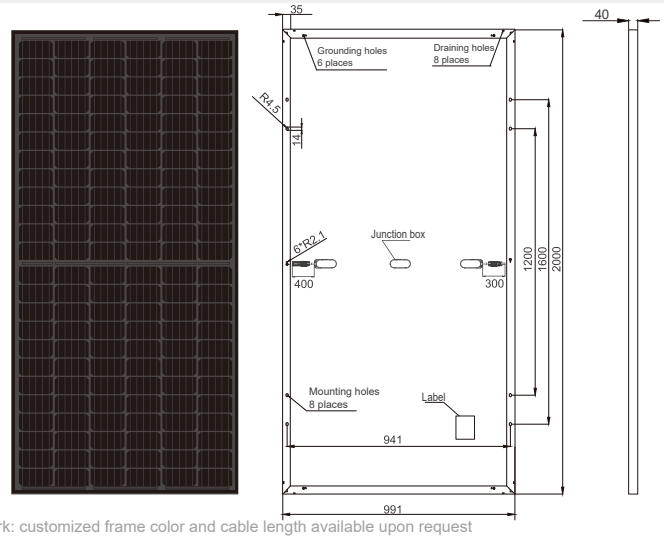
Specificantions subject to technical changes and tests.
JA Solar reserves the right of final interpretation.

Shanghai JA Solar Technology Co., Ltd.

MECHANICAL DIAGRAMS



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Mono
Weight	22.5kg±3%
Dimensions	2000mm×991mm×40mm
Cable Cross Section Size	4mm²
No. of cells	144（6×24）
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	JAM72S08-375/PR/1000V	JAM72S08-380/PR/1000V	JAM72S08-385/PR/1000V	JAM72S08-390/PR/1000V	JAM72S08-395/PR/1000V
Rated Maximum Power(Pmax) [W]	375	380	385	390	395
Open Circuit Voltage(Voc) [V]	47.78	48.05	48.32	48.61	48.91
Maximum Power Voltage(Vmp) [V]	39.58	39.80	40.07	40.34	40.63
Short Circuit Current(Isc) [A]	10.03	10.09	10.15	10.21	10.28
Maximum Power Current(Imp) [A]	9.48	9.55	9.61	9.67	9.73
Module Efficiency [%]	18.9	19.2	19.4	19.7	19.9
Power Tolerance	0~+5W				
Temperature Coefficient of Isc(α_Isc)	+0.051%/℃				
Temperature Coefficient of Voc(β_Voc)	-0.289%/℃				
Temperature Coefficient of Pmax(γ_Pmp)	-0.360%/℃				
STC	Irradiance 1000W/m², cell temperature 25℃, 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

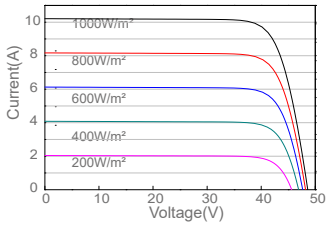
TYPE	JAM72S08-375/PR/1000V	JAM72S08-380/PR/1000V	JAM72S08-385/PR/1000V	JAM72S08-390/PR/1000V	JAM72S08-395/PR/1000V
Rated Max Power(Pmax) [W]	278	281	285	289	292
Open Circuit Voltage(Voc) [V]	44.28	44.51	44.80	45.04	45.30
Max Power Voltage(Vmp) [V]	36.59	36.81	37.05	37.29	37.52
Short Circuit Current(Isc) [A]	8.02	8.08	8.13	8.18	8.23
Max Power Current(Imp) [A]	7.58	7.64	7.69	7.74	7.79
NOCT	Irradiance 800W/m², ambient temperature 20℃, wind speed 1m/s, AM1.5G				

OPERATING CONDITIONS

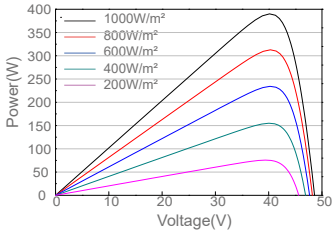
Maximum System Voltage	1000V DC(IEC)
Operating Temperature	-40℃~+85℃
Maximum Series Fuse	20A
Maximum Static Load,Front	3600Pa, 1.5
Maximum Static Load,Back	1600Pa, 1.5
NOCT	45±2℃
Application Class	Class A

CHARACTERISTICS

Current-Voltage Curve JAM72S08-390/PR/1000V



Power-Voltage Curve JAM72S08-390/PR/1000V



Current-Voltage Curve JAM72S08-390/PR/1000V

