Harvest the Sunshine



Mono

385W PERC Module

JAM72S01 365-385/PR Series

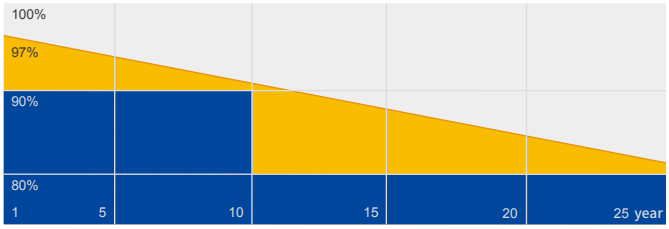
Introduction

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.

- 5BB — 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, UL 1703, IEC TS 62804, IEC 61701, IEC 62716, IEC 60068-2-68
- 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

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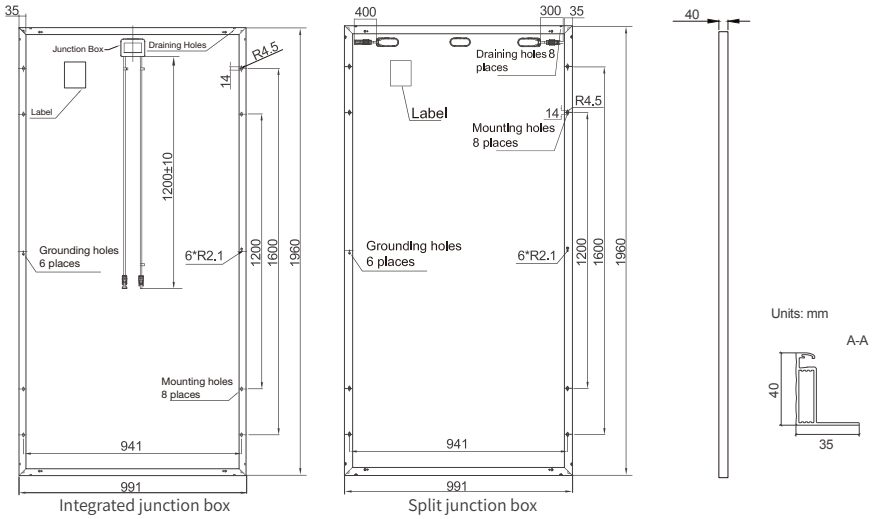
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Specificantions subject to technical changes and tests.
JA Solar reserves the right of final interpretation.

JA SOLAR

JAM72S01 365-385/PR Series

MECHANICAL DIAGRAMS



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Mono
Weight	22kg±3%
Dimensions	1960mm×991mm×40mm
Cable Cross Section Size	4mm²
No. of cells	72(6x12)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible(1000V) QC 4.10-35(1500V)
Packaging Configuration	27 Per Pallet

ELECTRICAL PARAMETERS AT STC

TYPE	JAM72S01 -365/PR	JAM72S01 -370/PR	JAM72S01 -375/PR	JAM72S01 -380/PR	JAM72S01 -385/PR
Rated Maximum Power(Pmax) [W]	365	370	375	380	385
Open Circuit Voltage(Voc) [V]	47.93	48.18	48.45	48.71	48.98
Maximum Power Voltage(Vmp) [V]	39.21	39.45	39.75	40.03	40.29
Short Circuit Current(Isc) [A]	9.85	9.91	9.98	10.05	10.11
Maximum Power Current(Imp) [A]	9.31	9.38	9.44	9.50	9.56
Module Efficiency [%]	18.8	19.0	19.3	19.6	19.8
Power Tolerance	0~+5W				
Temperature Coefficient of Isc(α_Isc)	+0.060%/°C				
Temperature Coefficient of Voc(β_Voc)	-0.300%/°C				
Temperature Coefficient of Pmax(γ_Pmp)	-0.380%/°C				
STC	Irradiance 1000W/m², 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

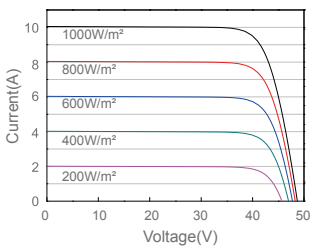
TYPE	JAM72S01 -365/PR	JAM72S01 -370/PR	JAM72S01 -375/PR	JAM72S01 -380/PR	JAM72S01 -385/PR
Rated Max Power(Pmax) [W]	268	272	276	279	283
Open Circuit Voltage(Voc) [V]	44.33	44.55	44.81	45.09	45.38
Max Power Voltage(Vmp) [V]	36.25	36.50	36.75	36.99	37.23
Short Circuit Current(Isc) [A]	7.80	7.86	7.91	7.96	8.01
Max Power Current(Imp) [A]	7.40	7.45	7.50	7.55	7.60
NOCT	Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G				

OPERATING CONDITIONS

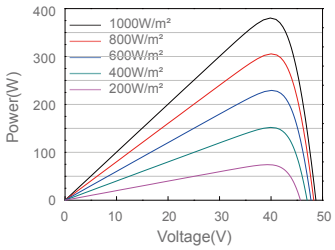
Maximum System Voltage	1000V/1500V DC(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Maximum Static Load,Front	5400Pa
Maximum Static Load,Back	2400Pa
NOCT	45±2°C
Application Class	Class A

CHARACTERISTICS

Current-Voltage Curve JAM72S01-380/PR



Power-Voltage Curve JAM72S01-380/PR



Current-Voltage Curve JAM72S01-380/PR

