

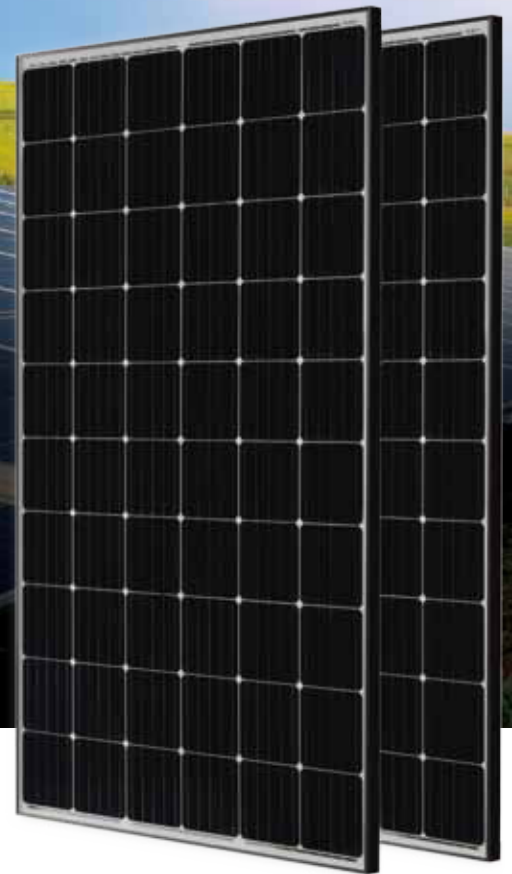


315W PERC Module

JAM60S01-315/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



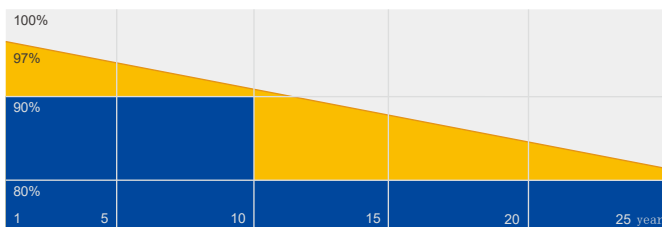
Excellent low-light performance



Lower temperature coefficient

Superior Warranty

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

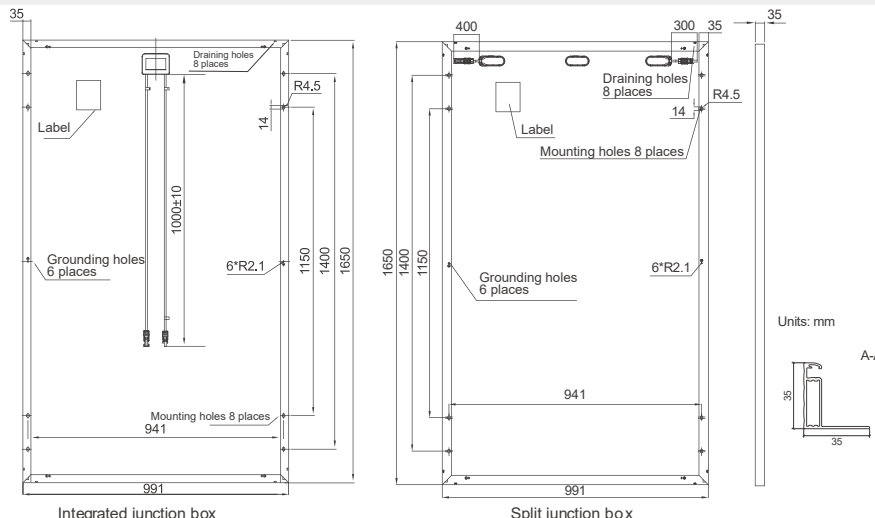


■ JA Linear Power Warranty ■ Industry Warranty

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														
 <p style="font-size: small;">Units: mm</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Cell</td> <td style="padding: 2px;">Mono</td> </tr> <tr> <td style="padding: 2px;">Weight</td> <td style="padding: 2px;">18.2kg±3%</td> </tr> <tr> <td style="padding: 2px;">Dimensions</td> <td style="padding: 2px;">1650mm×991mm×35mm</td> </tr> <tr> <td style="padding: 2px;">Cable Cross Section Size</td> <td style="padding: 2px;">4mm²</td> </tr> <tr> <td style="padding: 2px;">No. of cells</td> <td style="padding: 2px;">60(6x10)</td> </tr> <tr> <td style="padding: 2px;">Connector</td> <td style="padding: 2px;">Genuine MC4</td> </tr> <tr> <td style="padding: 2px;">Country of Manufacturer</td> <td style="padding: 2px;">China/Vietnam</td> </tr> </table>	Cell	Mono	Weight	18.2kg±3%	Dimensions	1650mm×991mm×35mm	Cable Cross Section Size	4mm ²	No. of cells	60(6x10)	Connector	Genuine MC4	Country of Manufacturer	China/Vietnam
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<p style="font-size: x-small;">Remark: customized frame color and cable length available upon request</p>															

ELECTRICAL PARAMETERS AT STC	
TYPE	JAM60S01-315/PR/1000V
Rated Maximum Power(Pmax) [W]	315
Open Circuit Voltage(Voc) [V]	40.53
Maximum Power Voltage(Vmp) [V]	33.16
Short Circuit Current(Isc) [A]	9.98
Maximum Power Current(Imp) [A]	9.50
Module Efficiency [%]	19.3
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/m ² , 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	JAM60S01-315/PR/1000V
Rated Max Power(Pmax) [W]	232
Open Circuit Voltage(Voc) [V]	37.36
Max Power Voltage(Vmp) [V]	30.42
Short Circuit Current(Isc) [A]	7.99
Max Power Current(Imp) [A]	7.61
NOCT	Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s, AM1.5G
Maximum System Voltage	1000V DC(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Max. Design Load, Front / Back	3600Pa / 1600Pa
Max. Test Load, Front / Back	5400Pa / 2400Pa
NOCT	45±2°C
Application Class	Class A

CHARACTERISTICS

