

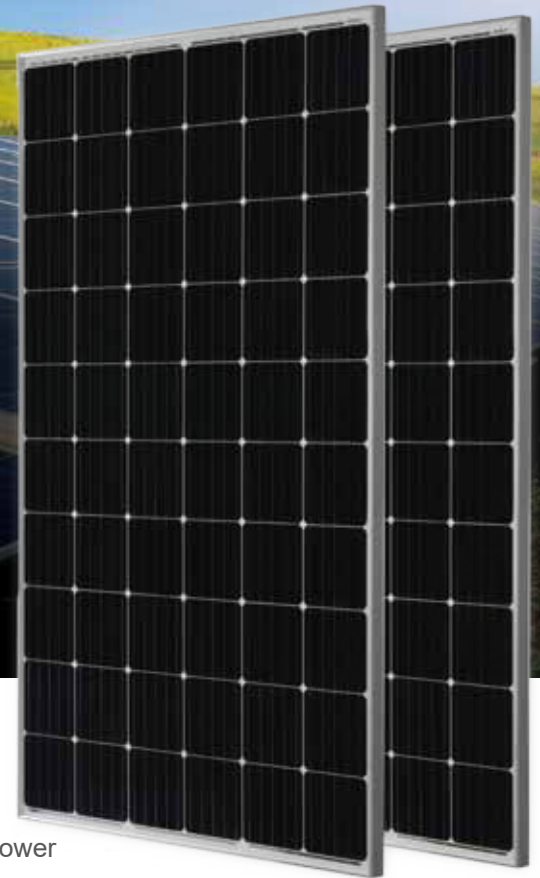


340W PERC Module

JAM60S09 320-340/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



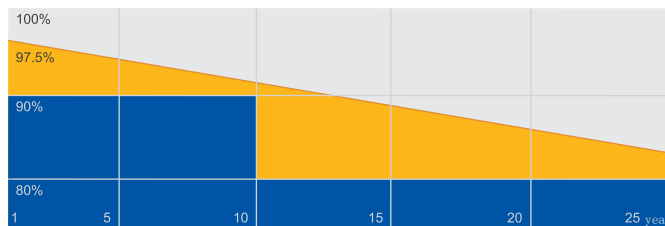
Excellent low-light performance



Lower temperature coefficient

Superior Warranty

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



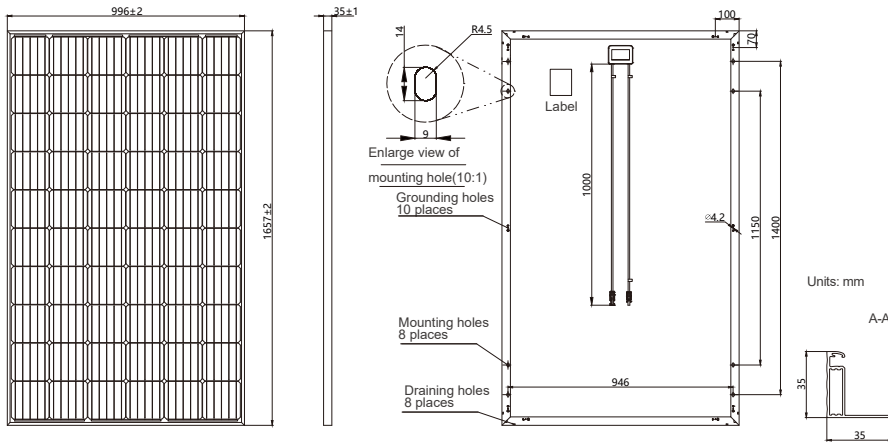
■ JA Linear Power Warranty ■ Industry Warranty

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



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Mono
Weight	18.4kg±3%
Dimensions	1657±2mm×996±2mm×35±1mm
Cable Cross Section Size	4mm ²
No. of cells	60(6×10)
Connector	MC4
Country of Manufacturer	China/Vietnam

ELECTRICAL PARAMETERS AT STC

TYPE	JAM60S09 -320/PR/1000V	JAM60S09 -325/PR/1000V	JAM60S09 -330/PR/1000V	JAM60S09 -335/PR/1000V	JAM60S09 -340/PR/1000V
Rated Maximum Power(P _{max}) [W]	320	325	330	335	340
Open Circuit Voltage(V _{oc}) [V]	40.78	41.04	41.30	41.54	41.80
Maximum Power Voltage(V _{mp}) [V]	33.17	33.44	33.75	34.02	34.28
Short Circuit Current(I _{sc}) [A]	10.18	10.25	10.32	10.39	10.46
Maximum Power Current(I _{mp}) [A]	9.65	9.72	9.78	9.85	9.92
Module Efficiency [%]	19.4	19.7	20.0	20.3	20.6
Power Tolerance	0~+5W				
Temperature Coefficient of I _{sc} (α _{Isc})	+0.060%/°C				
Temperature Coefficient of V _{oc} (β _{Voc})	-0.300%/°C				
Temperature Coefficient of P _{max} (γ _{Pmp})	-0.370%/°C				
STC	Irradiance 1000W/m ² , cell temperature 25°C, AM1.5G				

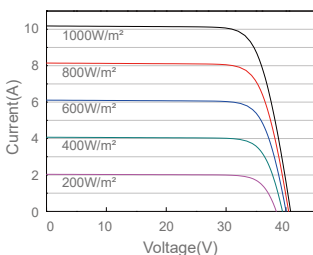
Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.
Measurement tolerance at STC: P_{max} ±3 %, V_{oc} ±2% and I_{sc} ±4%.

ELECTRICAL PARAMETERS AT NOCT

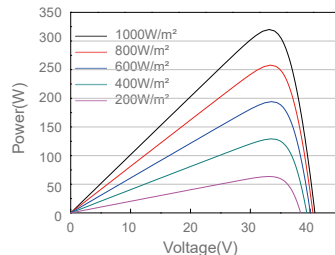
TYPE	JAM60S09 -320/PR/1000V	JAM60S09 -325/PR/1000V	JAM60S09 -330/PR/1000V	JAM60S09 -335/PR/1000V	JAM60S09 -340/PR/1000V	OPERATING CONDITIONS	
Rated Max Power(P _{max}) [W]	237	241	244	248	252	Maximum System Voltage	1000V DC(IEC)
Open Circuit Voltage(V _{oc}) [V]	38.56	38.85	39.16	39.46	39.75	Operating Temperature	-40°C~+85°C
Max Power Voltage(V _{mp}) [V]	31.32	31.64	31.96	32.28	32.59	Maximum Series Fuse	20A
Short Circuit Current(I _{sc}) [A]	8.01	8.05	8.09	8.14	8.19	Maximum Static Load, Front	3600Pa, 1.5
Max Power Current(I _{mp}) [A]	7.56	7.60	7.64	7.68	7.72	Maximum Static Load, Back	1600Pa, 1.5
NOCT	Irradiance 800W/m ² , ambient temperature 20°C, wind speed 1m/s, AM1.5G					NOCT	45±2°C
						Application Class	Class A

CHARACTERISTICS

Current-Voltage Curve JAM60S09-320/PR/1000V



Power-Voltage Curve JAM60S09-320/PR/1000V



Current-Voltage Curve JAM60S09-320/PR/1000V

