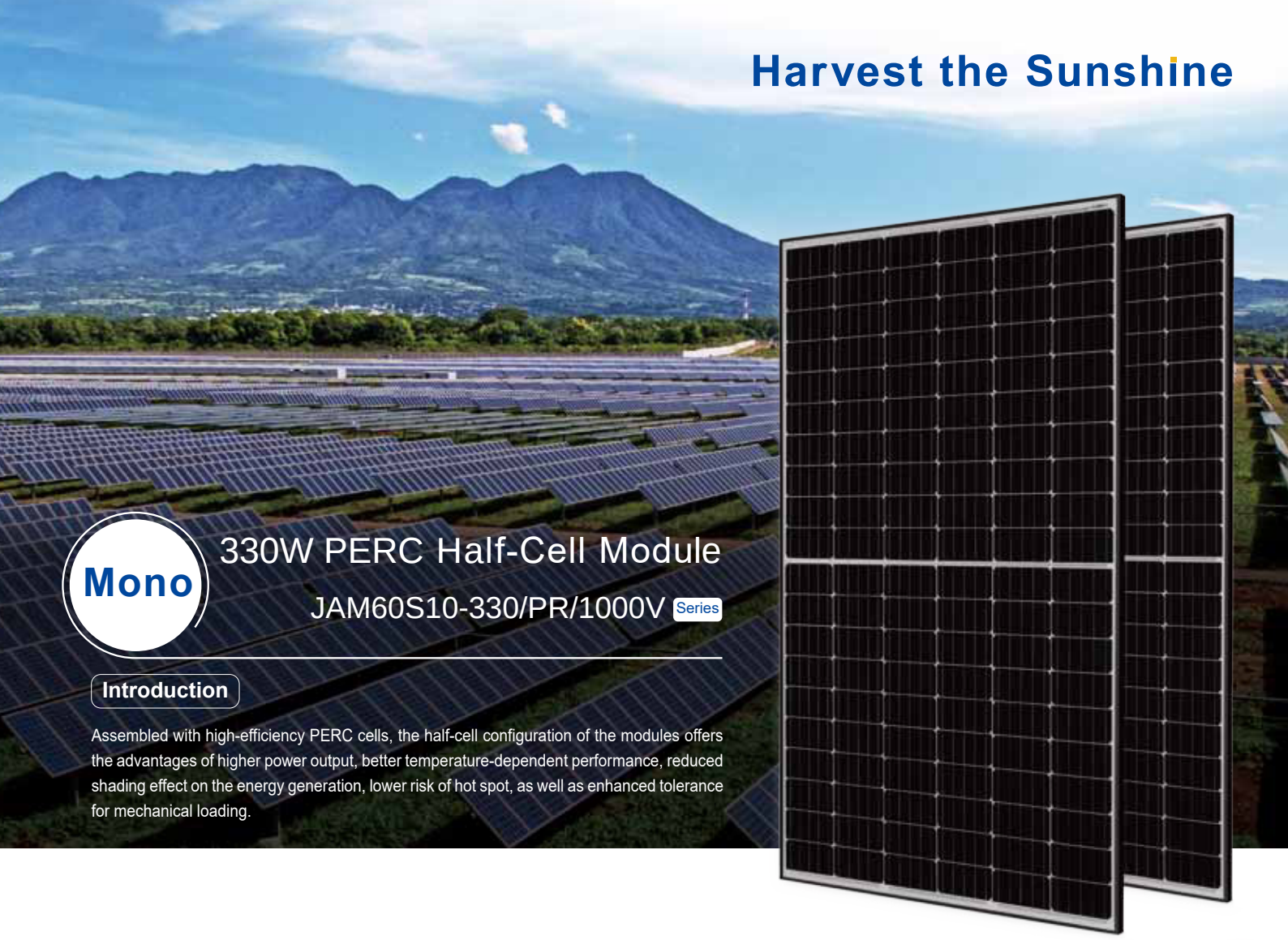
Harvest the Sunshine



Mono

330W PERC Half-Cell Module

JAM60S10-330/PR/1000V Series

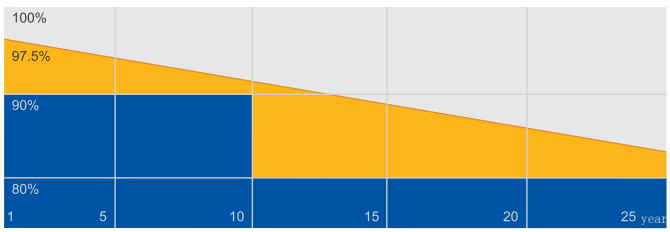
Introduction

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

Shanghai JA Solar Technology Co., Ltd.

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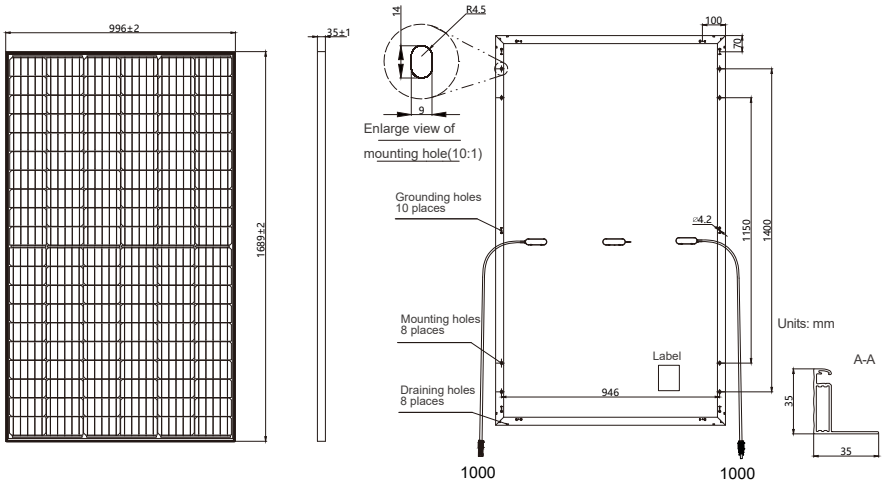
JAM60S10-330/PR/1000V Series

MECHANICAL DIAGRAMS



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Mono
Weight	18.7kg±3%
Dimensions	1689±2mm×996±2mm×35±1mm
Cable Cross Section Size	4mm²
No. of cells	120(6×20)
Connector	Genuine MC4
Country of Manufacturer	China/Vietnam

ELECTRICAL PARAMETERS AT STC

TYPE	JAM60S10-330/PR/1000V
Rated Maximum Power(Pmax) [W]	330
Open Circuit Voltage(Voc) [V]	40.84
Maximum Power Voltage(Vmp) [V]	34.13
Short Circuit Current(Isc) [A]	10.30
Maximum Power Current(Imp) [A]	9.67
Module Efficiency [%]	19.6
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)	-0.350%/℃
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.
Measurement tolerance at STC: Pmax ±3 %, Voc ±2% and Isc ±4%.

ELECTRICAL PARAMETERS AT NOCT

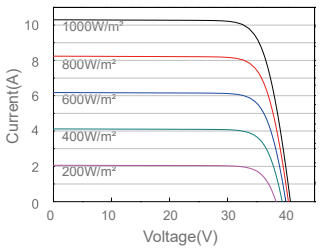
TYPE	JAM60S10-330/PR/1000V
Rated Max Power(Pmax) [W]	244
Open Circuit Voltage(Voc) [V]	37.65
Max Power Voltage(Vmp) [V]	33.82
Short Circuit Current(Isc) [A]	8.25
Max Power Current(Imp) [A]	7.22
NOCT	Irradiance 800W/m², ambient temperature 20℃, wind speed 1m/s, AM1.5G

OPERATING CONDITIONS

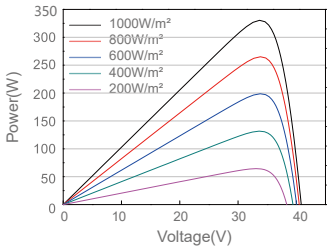
Maximum System Voltage	1000V DC(IEC)
Operating Temperature	-40℃~+85℃
Maximum Series Fuse	25A
Max. Design Load, Front / Back	3600Pa / 1600Pa
Max. Test Load, Front / Back	5400Pa / 2400Pa
NOCT	45±2℃
Application Class	Class A

CHARACTERISTICS

Current-Voltage Curve JAM60S10-330/PR/1000V



Power-Voltage Curve JAM60S10-330/PR/1000V



Current-Voltage Curve JAM60S10-330/PR/1000V

