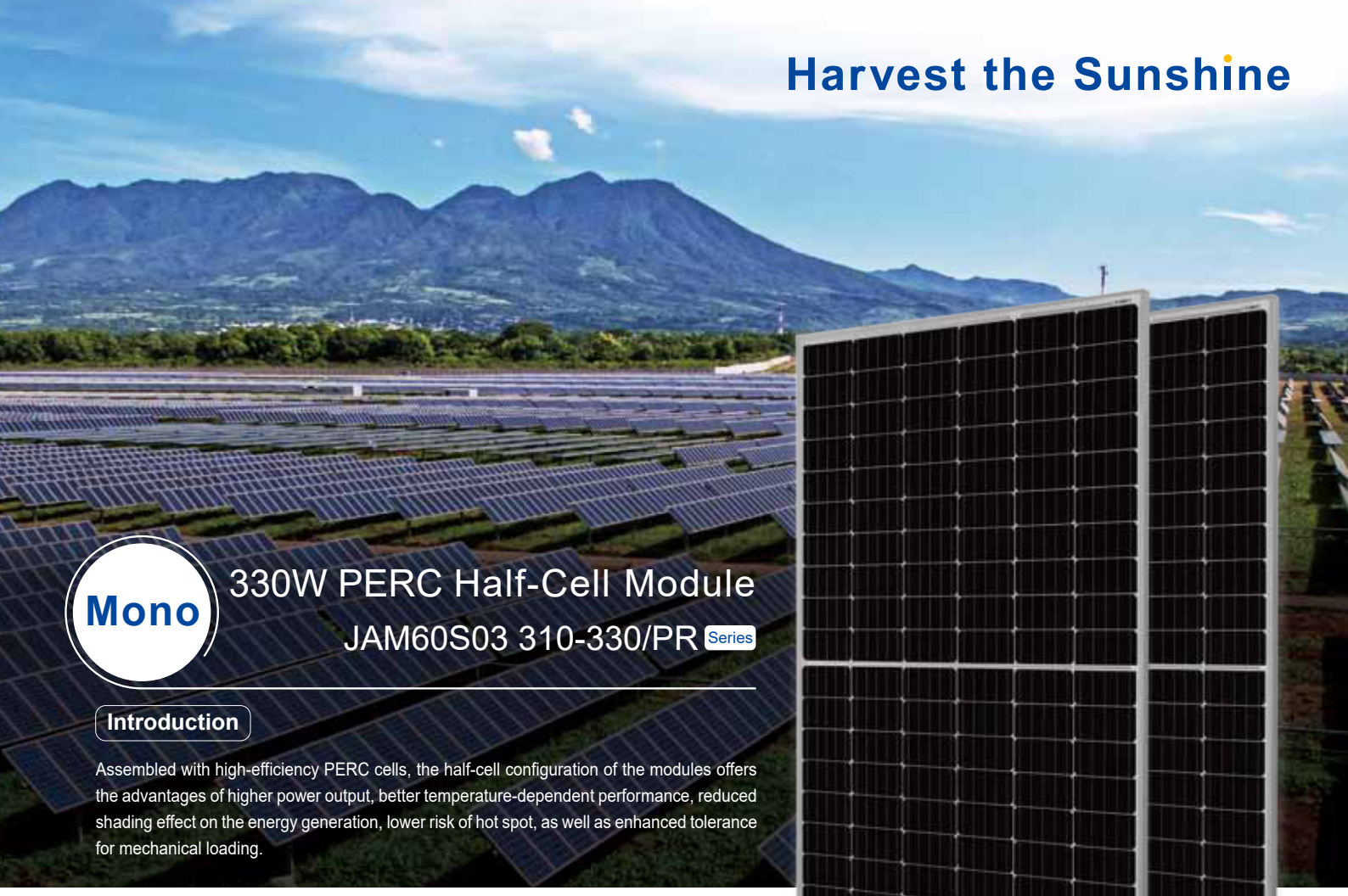
Harvest the Sunshine



Mono

330W PERC Half-Cell Module

JAM60S03 310-330/PR Series

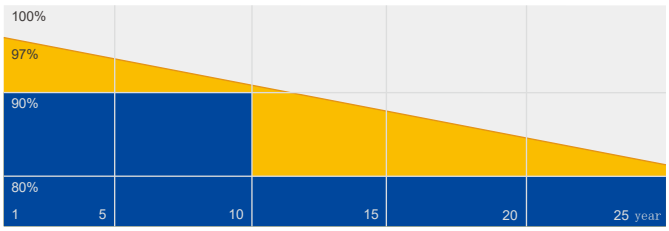
Introduction

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, IEC TS 62804
- 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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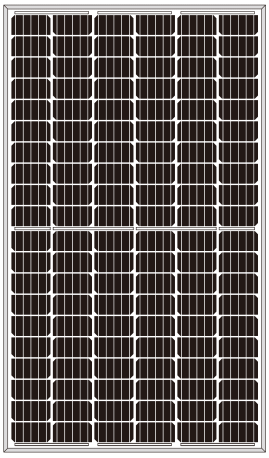
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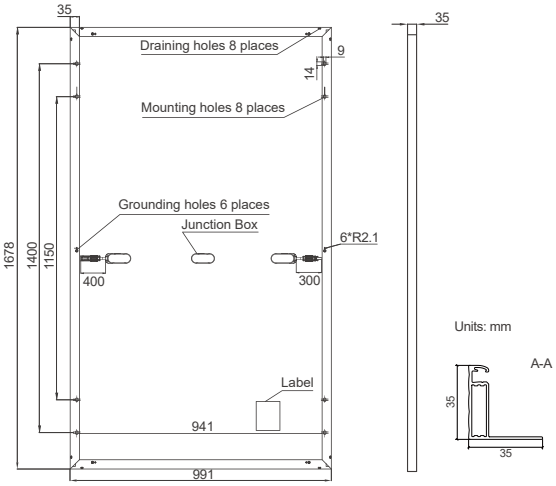
Specificantions subject to technical changes and tests.
JA Solar reserves the right of final interpretation.

JA SOLAR

JAM60S03 310-330/PR Series

MECHANICAL DIAGRAMS





Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Mono
Weight	18.5kg±3%
Dimensions	1678mm×991mm×35mm
Cable Cross Section Size	4mm²
No. of cells	120(6×20)
Junction Box	IP68, 3 diodes
Connector	MC4 Compatible(1000V) QC 4.10-35(1500V)
Packaging Configuration	30 Per Pallet

ELECTRICAL PARAMETERS AT STC

TYPE	JAM60S03 -310/PR	JAM60S03 -315/PR	JAM60S03 -320/PR	JAM60S03 -325/PR	JAM60S03 -330/PR
Rated Maximum Power(Pmax) [W]	310	315	320	325	330
Open Circuit Voltage(Voc) [V]	39.61	39.93	40.22	40.56	40.84
Maximum Power Voltage(Vmp) [V]	32.78	33.07	33.34	33.65	33.91
Short Circuit Current(Isc) [A]	10.03	10.10	10.16	10.22	10.29
Maximum Power Current(Imp) [A]	9.46	9.53	9.60	9.66	9.74
Module Efficiency [%]	18.6	18.9	19.2	19.5	19.8
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

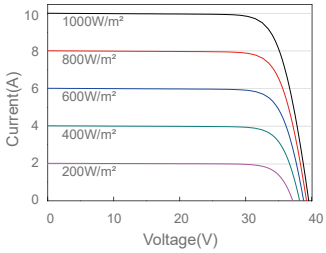
TYPE	JAM60S03 -310/PR	JAM60S03 -315/PR	JAM60S03 -320/PR	JAM60S03 -325/PR	JAM60S03 -330/PR
Rated Max Power(Pmax) [W]	229	233	237	241	244
Open Circuit Voltage(Voc) [V]	36.61	36.93	37.15	37.38	37.65
Max Power Voltage(Vmp) [V]	32.77	33.06	33.31	33.54	33.82
Short Circuit Current(Isc) [A]	8.02	8.08	8.14	8.20	8.25
Max Power Current(Imp) [A]	7.00	7.05	7.11	7.17	7.22
NOCT	Irradiance 800W/m², ambient temperature 20℃, wind speed 1m/s, AM1.5G				

OPERATING CONDITIONS

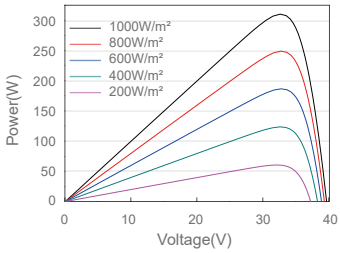
Maximum System Voltage	1000V/1500V DC(IEC)
Operating Temperature	-40℃~+85℃
Maximum Series Fuse	20A
Maximum Static Load,Front	5400Pa
Maximum Static Load,Back	2400Pa
NOCT	45±2℃
Application Class	Class A

CHARACTERISTICS

Current-Voltage Curve JAM60S03-310/PR



Power-Voltage Curve JAM60S03-310/PR



Current-Voltage Curve JAM60S03-310/PR

