

Mono

345W PERC Half-Cell Module

JAM60S10 325-345/PR/1500V 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



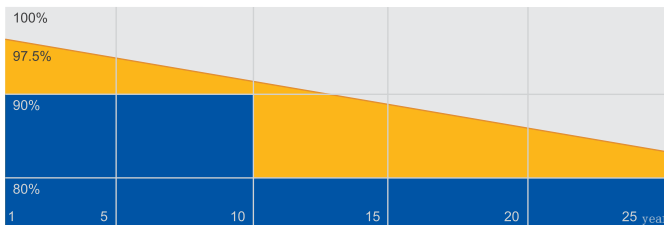
Less shading effect



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



MECHANICAL DIAGRAMS	SPECIFICATIONS																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Cell</td> <td>Mono</td> </tr> <tr> <td>Weight</td> <td>18.7kg±3%</td> </tr> <tr> <td>Dimensions</td> <td>1689±2mm×996±2mm×35±1mm</td> </tr> <tr> <td>Cable Cross Section Size</td> <td>4mm²</td> </tr> <tr> <td>No. of cells</td> <td>120(6×20)</td> </tr> <tr> <td>Cable Length (Including Connector)</td> <td>Portrait:300mm(+)/400mm(-); Landscape:1000mm(+)/1000mm(-)</td> </tr> <tr> <td>Connector</td> <td>Genuine MC4-EVO2 QC4.10-35/45</td> </tr> <tr> <td>Country of Manufacturer</td> <td>China/Vietnam</td> </tr> </table>	Cell	Mono	Weight	18.7kg±3%	Dimensions	1689±2mm×996±2mm×35±1mm	Cable Cross Section Size	4mm ²	No. of cells	120(6×20)	Cable Length (Including Connector)	Portrait:300mm(+)/400mm(-); Landscape:1000mm(+)/1000mm(-)	Connector	Genuine MC4-EVO2 QC4.10-35/45	Country of Manufacturer	China/Vietnam
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<p>Remark: customized frame color and cable length available upon request</p>																	

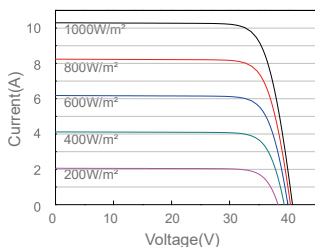
ELECTRICAL PARAMETERS AT STC					
TYPE	JAM60S10 -325/PR/1500V	JAM60S10 -330/PR/1500V	JAM60S10 -335/PR/1500V	JAM60S10 -340/PR/1500V	JAM60S10 -345/PR/1500V
Rated Maximum Power(Pmax) [W]	325	330	335	340	345
Open Circuit Voltage(Voc) [V]	40.56	40.84	41.12	41.36	41.61
Maximum Power Voltage(Vmp) [V]	33.87	34.13	34.36	34.63	34.90
Short Circuit Current(Isc) [A]	10.23	10.30	10.38	10.46	10.53
Maximum Power Current(Imp) [A]	9.60	9.67	9.75	9.82	9.89
Module Efficiency [%]	19.3	19.6	19.9	20.2	20.5
Power Tolerance				0~+5W	
Temperature Coefficient of Isc(α _{Isc})				+0.051%/°C	
Temperature Coefficient of Voc(β _{Voc})				-0.289%/°C	
Temperature Coefficient of Pmax(γ _{Pmp})				-0.350%/°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: Pmax ±3%, Voc ±2% and Isc ±4%.

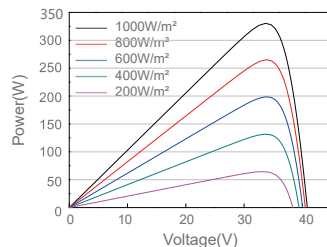
ELECTRICAL PARAMETERS AT NOCT						OPERATING CONDITIONS	
TYPE	JAM60S10 -325/PR/1500V	JAM60S10 -330/PR/1500V	JAM60S10 -335/PR/1500V	JAM60S10 -340/PR/1500V	JAM60S10 -345/PR/1500V		
Rated Max Power(Pmax) [W]	241	244	248	252	255	Maximum System Voltage	1500V DC(IEC)
Open Circuit Voltage(Voc) [V]	37.38	37.65	37.93	38.18	38.43	Operating Temperature	-40°C~+85°C
Max Power Voltage(Vmp) [V]	33.54	33.82	34.10	34.38	34.59	Maximum Series Fuse	20A
Short Circuit Current(Isc) [A]	8.20	8.25	8.30	8.36	8.41	Maximum Static Load,Front	3600Pa, 1.5
Max Power Current(Imp) [A]	7.17	7.22	7.27	7.32	7.38	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 JAM60S10-330/PR/1500V



Power-Voltage Curve JAM60S10-330/PR/1500V



Current-Voltage Curve JAM60S10-330/PR/1500V

