

Mono

340W Bifacial Mono PERC Double Glass Module

JAM60D09 320-340/BP/1500V Series

Introduction

These double-glass modules assembled with bifacial PERCIUM cells have the capability of converting lights incident on their rear side into electricity on top of what is being generated by the front side, making them the best-performed and the most cost-effective modules in terms of solar energy generation as well as tolerance for harsh environment and extreme weather conditions.



3%~15% more
energy generation



framed design, ease of
transportation and installation



Superior low
irradiance performance

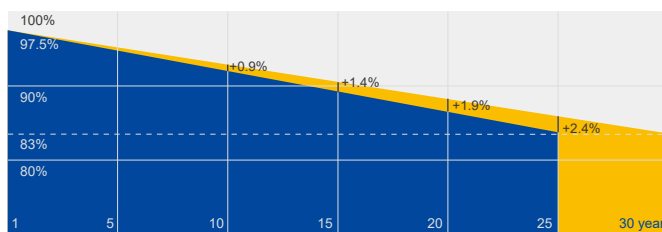


Excellent temperature
dependent performance

Superior Warranty

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

0.5% Annual Degradation
Over 30 years



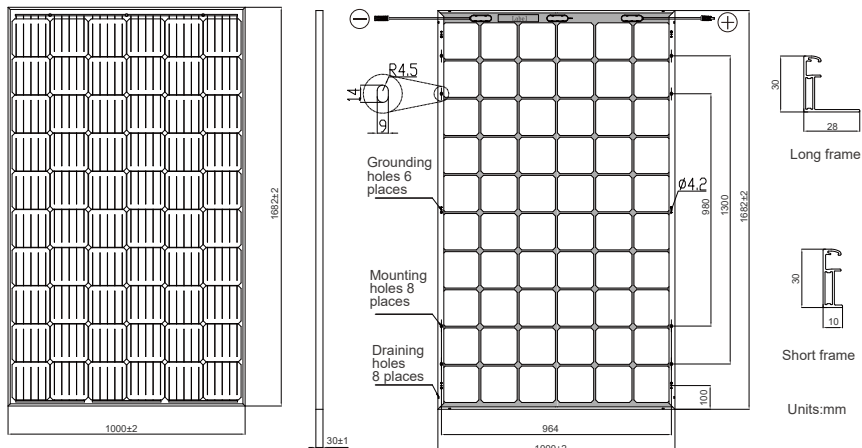
■ Additional Value From 30-Year Warranty ■ JA Standard

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	25.4kg±3%
Dimensions	1682±2mm×1000±2mm×30±1mm
Cable Cross Section Size	4mm ²
No. of cells	60(6×10)
Connector	Genuine MC4-EVO2 QC4.10-35/45
Country of Manufacturer	China/Vietnam
Cable Length (Including Connector)	Portrait:300mm(+)/400mm(-); Landscape:1000mm(+)/1000mm(-)

ELECTRICAL PARAMETERS AT STC

TYPE	JAM60D09 -320/BP/1500V	JAM60D09 -325/BP/1500V	JAM60D09 -330/BP/1500V	JAM60D09 -335/BP/1500V	JAM60D09 -340/BP/1500V
Rated Maximum Power(P _{max}) [W]	320	325	330	335	340
Open Circuit Voltage(V _{oc}) [V]	40.79	41.05	41.30	41.57	41.85
Maximum Power Voltage(V _{mp}) [V]	33.49	33.75	34.03	34.27	34.53
Short Circuit Current(I _{sc}) [A]	10.09	10.16	10.24	10.30	10.37
Maximum Power Current(I _{mp}) [A]	9.56	9.63	9.70	9.78	9.85
Module Efficiency [%]	19.0	19.3	19.6	19.9	20.2
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/m², 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%

*Bifaciality=P_{max, rear}/Rated P_{max, front}

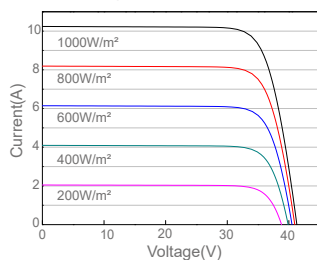
ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN(REFERENCE TO 320W FRONT)

Backside Power Gain	5%	10%	15%	20%	25%	Maximum System Voltage	1500V DC(IEC)
Rated Max Power(P _{max}) [W]	336	352	368	384	400	Operating Temperature	-40°C~+85°C
Open Circuit Voltage(V _{oc}) [V]	40.80	40.80	40.80	40.90	40.90	Maximum Series Fuse	20A
Max Power Voltage(V _{mp}) [V]	33.50	33.50	33.50	33.60	33.60	Maximum Static Load, Front Maximum Static Load, Back	3600Pa, 1.5 1600Pa, 1.5
Short Circuit Current(I _{sc}) [A]	10.59	11.10	11.60	12.11	12.61	NOCT	45±2°C
Max Power Current(I _{mp}) [A]	10.03	10.51	10.99	11.43	11.90	Bifaciality*	70%±10%

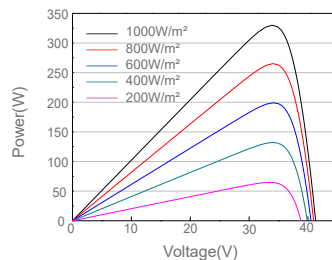
OPERATING CONDITIONS

CHARACTERISTICS

Current-Voltage Curve JAM60D09-330/BP/1500V



Power-Voltage Curve JAM60D09-330/BP/1500V



Current-Voltage Curve JAM60D09-330/BP/1500V

