Harvest the Sunshine

Mono

370W Bifacial Mono PERC Double Glass Module

JAM72D00 350-370/BP Series

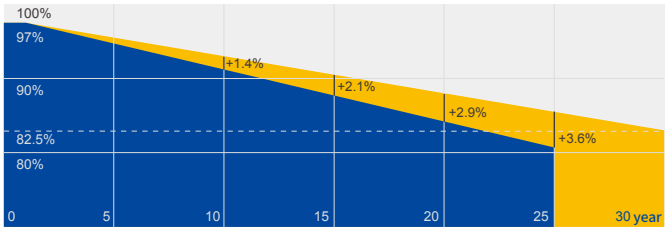
Introduction

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



■ Additional Value From 30-Year Warranty ■ JA Standard

Comprehensive Certificates

- IEC 61215, IEC 61730, IEC TS 62804, IEC 61701, IEC 62716, IEC 60068-2-68, UL 1703
- 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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Specificantions subject to technical changes and tests.
JA Solar reserves the right of final interpretation.

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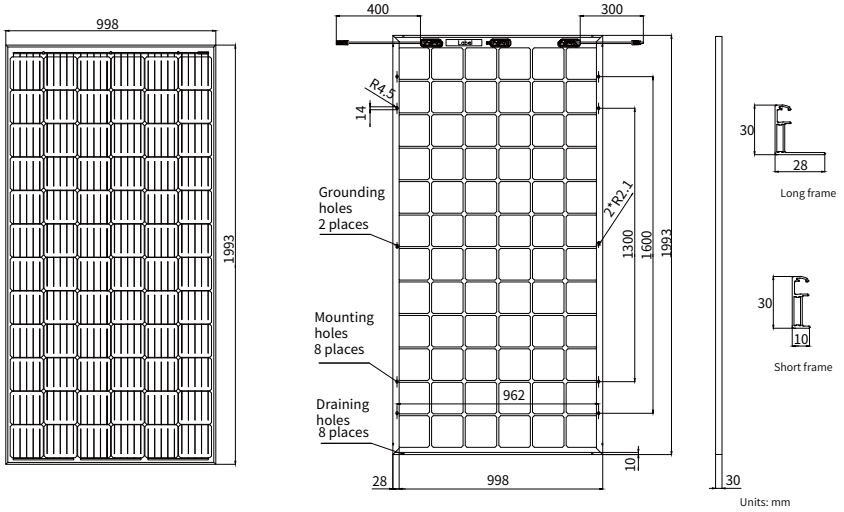
MECHANICAL DIAGRAMS



Remark: customized frame color and cable length available upon request

SPECIFICATIONS

Cell	Mono
Weight	30.3kg±3%
Dimensions	1993mm×998mm×30mm
Cable Cross Section Size	4mm²
No. of cells	72(6x12)
Junction Box	IP68, 3 diodes
Connector	QC 4.10-35
Packaging Configuration	31 Per Pallet

ELECTRICAL PARAMETERS AT STC

TYPE	JAM72D00 -350/BP	JAM72D00 -355/BP	JAM72D00 -360/BP	JAM72D00 -365/BP	JAM72D00 -370/BP
Rated Maximum Power(Pmax) [W]	350	355	360	365	370
Open Circuit Voltage(Voc) [V]	47.48	47.66	47.84	48.15	48.44
Maximum Power Voltage(Vmp) [V]	39.59	39.76	39.96	40.25	40.53
Short Circuit Current(Isc) [A]	9.53	9.60	9.67	9.74	9.80
Maximum Power Current(Imp) [A]	8.85	8.93	9.01	9.07	9.13
Module Efficiency [%]	17.6	17.8	18.1	18.4	18.6
Power Tolerance	0~+5W				
Temperature Coefficient of Isc(α_Isc)	+0.060%/°C				
Temperature Coefficient of Voc(β_Voc)	-0.300%/°C				
Temperature Coefficient of Pmax(γ_Pmp)	-0.380%/°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.
The efficiency of the bifacial PERC glass-glass modules at 200W/m² to that at 1000W/m² is 98%.
*Bifaciality = Pmax,rear/Pmax,front

ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN(REFRENCE TO 370W FRONT)

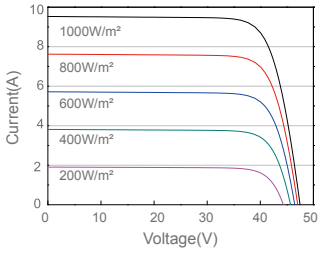
Backside Power Gain	5%	10%	15%	20%	25%
Rated Max Power(Pmax) [W]	389	407	426	444	463
Open Circuit Voltage(Voc) [V]	48.4	48.4	48.4	48.5	48.5
Max Power Voltage(Vmp) [V]	40.53	40.53	40.53	40.63	40.63
Short Circuit Current(Isc) [A]	10.29	10.78	11.27	11.76	12.25
Max Power Current(Imp) [A]	9.59	10.04	10.50	10.96	11.41

OPERATING CONDITIONS

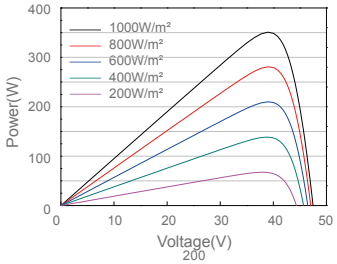
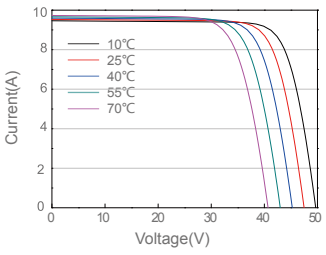
Maximum System Voltage	1500V DC(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Maximum Static Load,Front Maximum Static Load,Back	5400Pa 2400Pa
NOCT	45±2°C
Bifaciality*	70%±5%

CHARACTERISTICS

Current-Voltage Curve JAM72D00-350/BP



Power-Voltage Curve JAM72D00-350/BP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