JINGSUN

Make Solar Energy More Efficient!

JAM132D-18BB

HJT Bifacial Module

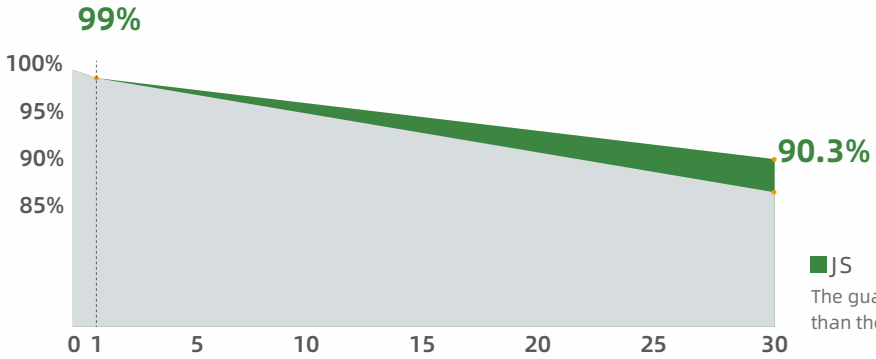
- Based on 210 mm wafer, N-type bifacial HJT half-cut cellsModule
- power up to 800W; module efficiency up to 24.39%
- 18BB thin-slice half-cut technology, using a stencil printing process and silver-coated copper
- Power output from the front is 4.1% more than that of TOPCon module
- No Boron-0 xygen-Induced Degradation (BO-LID), excellent anti-LeTID & anti-PID performance. Low power degradation, and high energy yield
- Bifaciality up to 95%

770W~800W

HJT

Size > 2 ㎡

- 15-Year Warranty for Materials and Processind
- 30-Year Warranty for Materials and Processind



The guaranteed power output is circa 3% higher than the nearest competing technology.

www.jingsun-power.com

JAM132D-18BB

STC

STC (Standard Test Conditions): Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass 1.5.

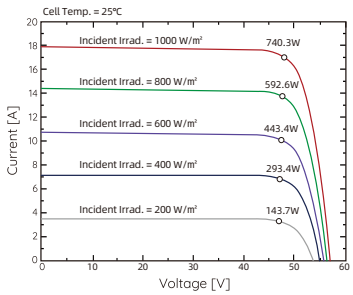
Model	JAM132D-770	JAM132D-775	JAM132D-780	JAM132D-785	JAM132D-790	JAM132D-795	JAM132D-800
Power Tolerance (0~+5W)	STC	STC	STC	STC	STC	STC	STC
Pmax (W)	770	775	780	785	790	795	800
Vmp (V)	44.10	44.25	44.40	44.55	44.71	44.87	45.02
Imp (A)	17.47	17.52	17.57	17.62	17.67	17.72	17.77
Voc (V)	51.72	51.82	51.92	52.02	52.12	52.22	52.32
Isc (A)	18.09	18.12	18.16	18.21	18.27	18.33	18.40
Panel Efficiency (%)	24.13	24.19	24.23	24.27	24.31	24.35	24.39

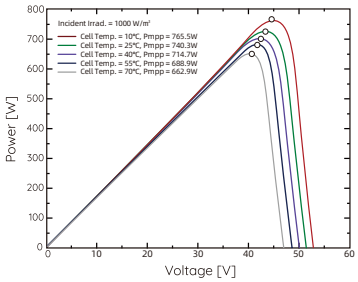
BSTC

BSTC (Bifacial Standard Test Conditions): Front Side Irradiation 1000 W/m², Back Side Reflection Irradiation 135 W/m², Air Mass 1.5, Ambient Temperature 25°C.

Model	JAM132D-770	JAM132D-775	JAM132D-780	JAM132D-785	JAM132D-790	JAM132D-795	JAM132D-800
Power Tolerance (0~+5W)	BSTC	BSTC	BSTC	BSTC	BSTC	BSTC	BSTC
Pmax (W)	810	815	820	825	830	835	840
Vmp (V)	42.59	42.74	42.89	43.04	43.19	43.34	43.49
Imp (A)	18.31	18.67	18.71	18.74	18.77	18.81	18.85
Voc (V)	50.84	51.41	51.46	51.51	51.55	51.59	51.64
Isc (A)	19.27	19.86	19.89	19.92	19.96	19.99	20.04

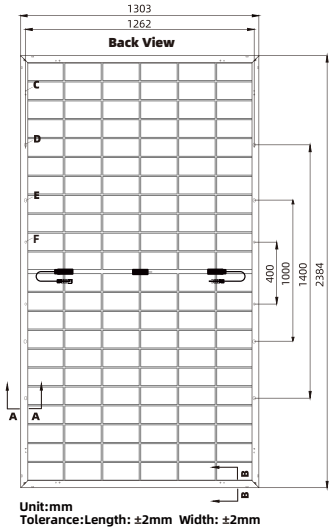
Electrical Curves (800W):





Mechanical Specification

Solar Cell Type	132 half-cut, N-type, HJT cells
Module Dimensions	2384×1303×33mm/35mm
Module Weight	38.5 kg
Front Side	Anti-reflective coated solar glass, 2.0 mm thick
Back Side	Solar glass, 2.0 mm thick
Frame	Anodized aluminum
Junction Box	3 bypass diodes, IP68 rated to IEC 62790
Cable	4 mm² PV cable, 0.3 m long (lengths can be customized), complies with EN
50618Connector	MC4 EVO2 compatible

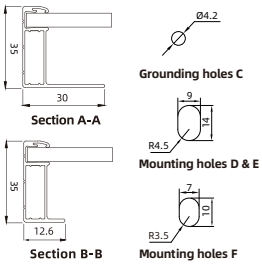


Properties of System Design

Maximum System Voltage	1500V
Maximum Series Fuse Rating	35A
Snow Load Wind Load	5400Pa 2400Pa
Fire Class	IEC Class C, UL Class C, UNI Class 1
Protection Class	Class II
Operating Temperature	-40 to + 85℃

Temperature Coefficients

Temperature Coefficient of Isc	+0.033 %/℃
Temperature Coefficient of Voc	-0.243 %/℃
Temperature Coefficient of Pmax	-0.254 %/℃
Nominal Module Operating Temperature (NMOT)	43±3/ ℃



Comprehensive Certificates

- IEC 61215, IEC 61730
- UNI 9177, UL 790, MCS, PVEL
- ISO 9001, ISO 14001, ISO 45001

Packing

31 pcs/pallet, 558 pcs/40'HQ container

* The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the ongoing innovation and product enhancement. Golden Solar reserves the right to make necessary adjustments to the information described herein at any time without further notice.

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