



GOLDEN SOLAR

Make Solar Energy More Efficient!

JGDN132-0BB

HJT Bifacial Module



Based on 210.6 mm wafer, N-type bifacial HJT half-cut cells



Module power up to 740W; module efficiency up to 23.82%



OBB 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



Anti Boron-Oxygen-Induced Degradation (BO-LID), excellent anti-LeTID & anti-PID performance. Low power degradation, and high energy yield



Bifaciality up to 90%

710W~740W



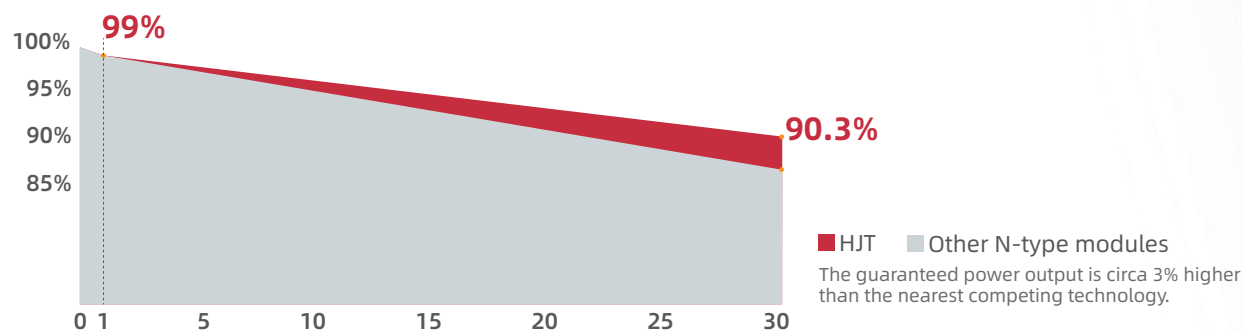
Size > 2 m²



15-Year Warranty for Materials and Processing



30-Year Warranty for Extra Linear Power Output



JGDN132-0BB



GOLDEN SOLAR

STC

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

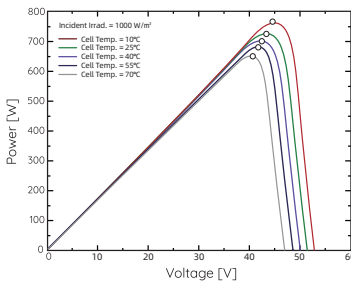
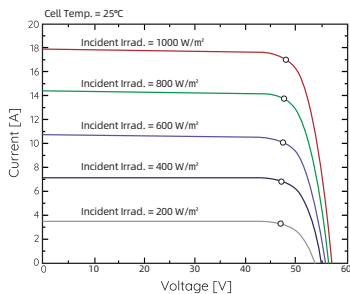
Model	JGDN132-710	JGDN132-715	JGDN132-720	JGDN132-725	JGDN132-730	JGDN132-735	JGDN132-740
Power Tolerance (0~+5W)	STC	STC	STC	STC	STC	STC	STC
P _{max} (W)	710	715	720	725	730	735	740
V _{mp} (V)	42.59	42.74	42.89	43.04	43.19	43.34	43.49
I _{mp} (A)	16.67	16.73	16.79	16.84	16.90	16.96	17.02
V _{oc} (V)	50.84	50.92	51.00	51.08	51.16	51.26	51.36
I _{sc} (A)	17.47	17.55	17.63	17.71	17.79	17.85	17.91
Panel Efficiency (%)	22.85	23.02	23.18	23.34	23.50	23.66	23.82

BSTC

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

Model	JGDN132-710	JGDN132-715	JGDN132-720	JGDN132-725	JGDN132-730	JGDN132-735	JGDN132-740
Power Tolerance (0~+5W)	BSTC	BSTC	BSTC	BSTC	BSTC	BSTC	BSTC
P _{max} (W)	780	785	790	795	800	805	810
V _{mp} (V)	42.59	42.74	42.89	43.04	43.19	43.34	43.49
I _{mp} (A)	18.31	18.37	18.42	18.47	18.52	18.57	18.62
V _{oc} (V)	50.84	50.92	51.00	51.08	51.16	51.26	51.36
I _{sc} (A)	19.27	19.36	19.45	19.54	19.63	19.72	19.81

Electrical Curves (740W):



Mechanical Specification

Solar Cell Type	132 half-cut, N-type, HJT cells
Module Dimensions	2384 × 1303 × 33 mm
Module Weight	37.5 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 mm ² PV cable, 0.45 m long (lengths can be customized), complies with EN 50618
Connector	MC4 EVO2

Properties of System Design

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

Comprehensive Certificates

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

Packing

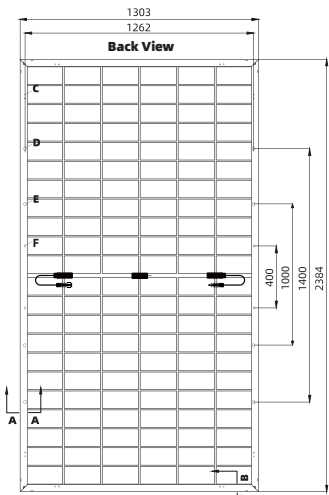
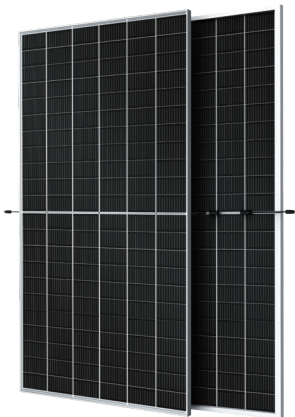
33 pcs/pallet, 594 pcs/40'HQ container

Temperature Coefficients

Temperature Coefficient of I _{sc}	+0.033 %/K
Temperature Coefficient of V _{oc}	-0.243 %/K
Temperature Coefficient of P _{max}	-0.242 %/K
Nominal Module Operating Temperature (NMOT)	43±3°C

Janergy GmbH / Golden Solar Europe
www.janergy.de
+49 2224 919 90 98
info@janergy.de

*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.



Unit:mm
Tolerance:Length: ±2mm Width: ±2mm

