



Anji Technologies Worldwide Energy Group (UK)

ANJ132

HJT Bifacial Module



Based on 210mm wafer, N-Type bifacial HJT half cut cells



Module power up to 710W, Module efficiency up to 22.85%



Use super MBB half-cut Cell technology to minimize micro-crack impacts and no-cutting loss on modules



The front generation power is 30% higher than the conventional module and the back power is 25% higher



No BO-LID, excellent anti-LeTID & anti-PID performance. Low power degradation, high energy yield



Better shading tolerance



Heavy snow load up to 5400 Pa, wind load up to 2400 Pa

675W~710W



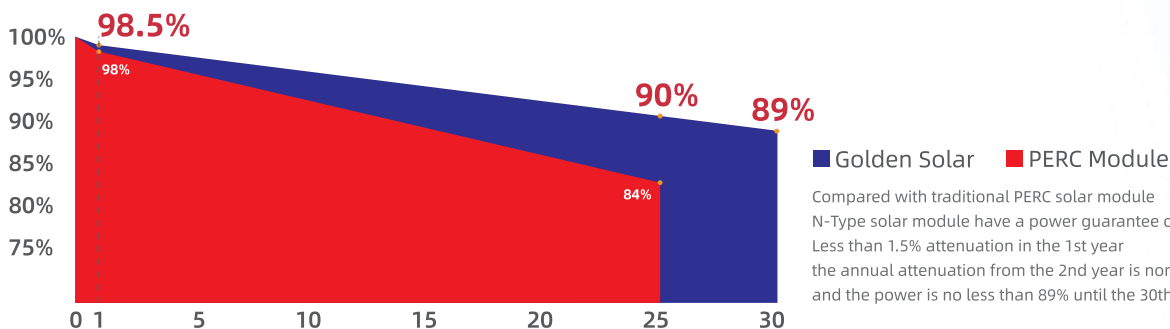
Size > 2 sqm Heterojunction Technology



15-Year Warranty for Materials and Processing



30-Year Warranty for Extra Linear Power Output



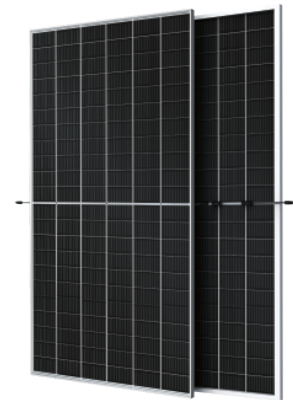
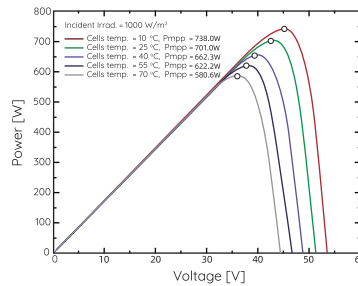
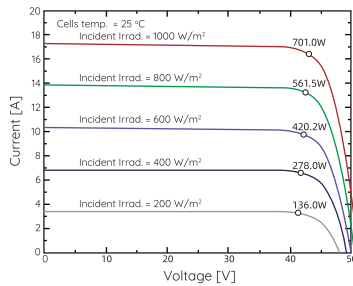
STC/NMOT STC (Standard Test Conditions): Irradiance 1000 W/m², Cell temperature :25 °C, AM1.5 .
NMOT (Nominal Module Operating Temperature): Irradiance 800 W/m², AM1.5, temperature 20 °C, wind speed 1 m/s.

Model	ANJ132-675		ANJ132-680		ANJ132-685		ANJ132-690		ANJ132-695		ANJ132-700		ANJ132-705		ANJ132-710	
Power Tolerance (0~+5W)	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Pmax (W)	675	566	680	569	685	574	690	578	695	583	700	588	705	592	710	597
Vmp (V)	42.25	40.05	42.44	40.24	42.63	40.43	42.82	40.62	43.02	40.82	43.21	41.01	43.40	41.20	43.53	41.33
Imp (A)	16.03	14.13	16.05	14.15	16.09	14.19	16.14	14.24	16.18	14.28	16.23	14.33	16.27	14.37	16.34	14.44
Voc (V)	48.84	46.24	48.91	46.31	48.97	46.37	49.04	46.44	49.10	46.50	49.17	46.57	49.24	46.64	49.30	46.70
Isc (A)	16.91	14.91	16.98	14.98	17.06	15.06	17.14	15.14	17.22	15.22	17.31	15.31	17.39	15.39	17.47	15.47
Panel Efficiency (%)	21.73		21.89		22.05		22.21		22.37		22.53		22.70		22.85	

BSTC BSTC (Bifacial Standard Test Conditions): Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM=1.5, ambient temperature 25°C.

Model	ANJ132-675		ANJ132-680		ANJ132-685		ANJ132-690		ANJ132-695		ANJ132-700		ANJ132-705		ANJ132-710	
Power Tolerance (0~+5W)	BSTC		BSTC		BSTC		BSTC		BSTC		BSTC		BSTC		BSTC	
Pmax (W)	745		750		756		761		767		772		778		783	
Vmp (V)	42.25		42.44		42.63		42.82		43.02		43.21		43.40		43.53	
Imp (A)	17.68		17.70		17.75		17.80		17.85		17.90		17.95		18.02	
Voc (V)	48.84		48.91		48.97		49.04		49.10		49.17		49.24		49.30	
Isc (A)	18.65		18.73		18.82		18.91		18.99		19.09		19.18		19.27	

Electrical Curves:



Mechanical Specification

Solar Cell Type	132 half-cut, N-Type, HJT cells
Module Dimensions (mm)	2384×1303×35
Module Weight (kg)	38.5
Front Cover	Solar glass, 2.0 mm, with anti-reflective surface
Back Cover	Solar glass, 2.0 mm
Frame	Anodized aluminum
Junction Box	3 bypass diodes, IP68 rated, in accordance with IEC 62790
Cables	PV cable 4 mm ² , 0.3 m length, in accordance with EN 50618 (or customized length)
Connectors	MC4-Evo2, in accordance with IEC 62852, IP68 rated only when connected
Packing	31 pieces/pallet, 558 pieces/ 40'HQ container

Properties of System Design

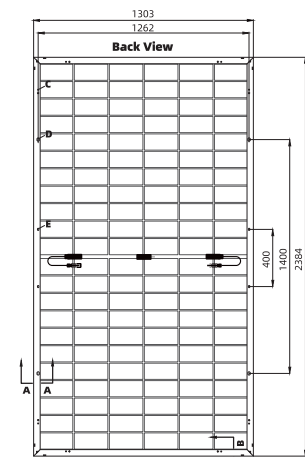
Maximum System Voltage (V)	1500
Maximum Series Fuse Rating (A)	35
Max. Test Load +/- (incl. Safety Factor of 1.5) (Pa)	5400/2400
Fire Class according to EN 13501-1	CLASS C (EN13501-1)
Operating Temperature (°C)	-40 to +85

Temperature Coefficients

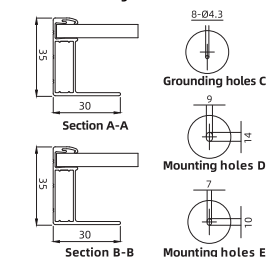
Temperature Coefficient of Isc	+0.026 %/ °C
Temperature Coefficient of Voc	-0.223 %/ °C
Temperature Coefficient of Pmax	-0.243 %/ °C
Nominal Module Operating Temperature (NMOT)	43±3/ °C

Warranty

Product Warranty (Y)	15
Power Warranty (Y)	30
Power after 1 Year	≥98.5% of nominal power
Annual Degradation (%/Y)	0.4
Power after 30 years	≥89% of nominal power



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



*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 adjustment to the information described herein at anytime without further notice.