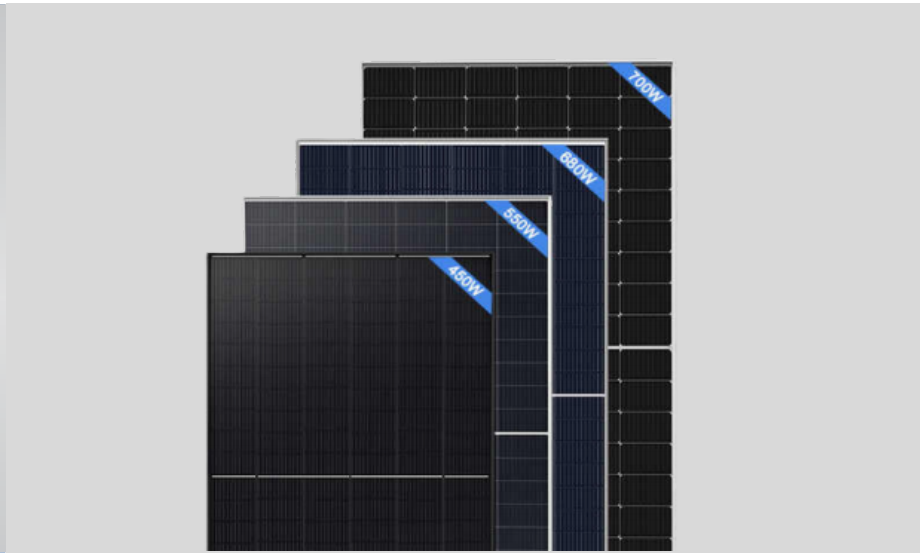
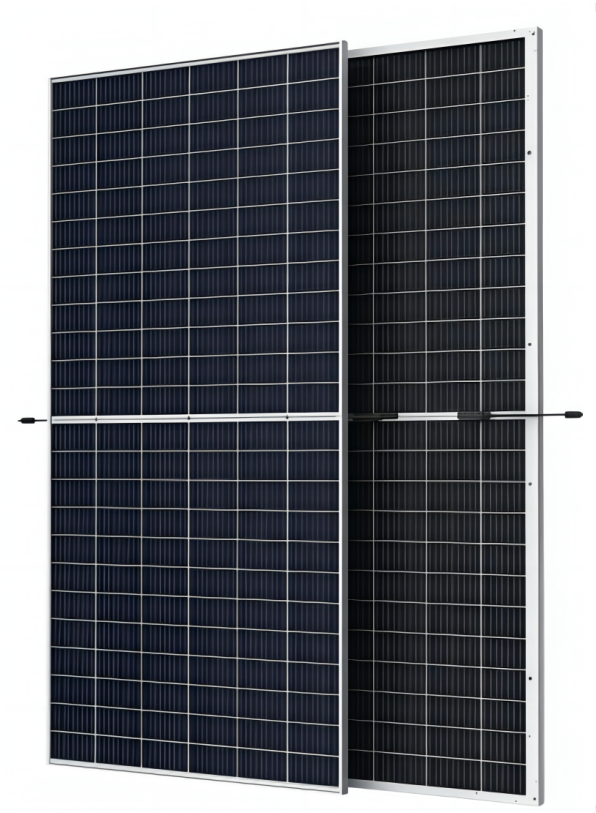
AUXO
JAKA Solar

JAX700-725M
700-725Watt
N-TYPE

BIFACIAL DUAL GLASS MONOCRYSTALLINE MODULE

- MAXIMUM POWER OUTPUT：725W+
- POSITIVE POWER TOLERANCE：±5W
- MAXMUM EFFICIENCY：23.3%





KEY FEATURES

High customer value

- Standardized module size with agship module power, 35W higher compared with conventional technology
- Low voltage design with higher string power, eectively reducing BOS (Balance of System) and LCOE (Levelized Cost of Energy) by 2%~6%
- Higher container space utilization eectively reduces the freight cost
- Certied Low-Carbon Footprint

High power up to 725W

- Up to 23.3% module efficiency, on 210 innovation platform
- Patented i-TOPCon technology with continuous eciency upgrade, including contact resistance reduction, rear reection enhancement and edge quality repairment

High reliability

- Minimized micro-cracks with innovative non-destructive cutting technology and high-density packaging
- Reduced risks of hot-spot with half-cut technology
- Certified high resistance against salt, ammonia, sand, PID, LID, LeTID
- Sustainable in harsh environments and extreme weather conditions

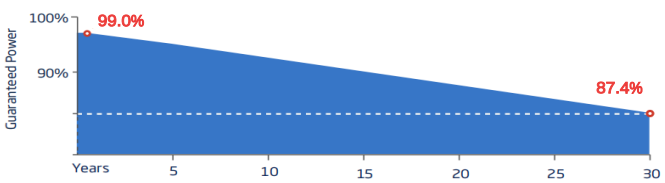
High energy yield

- Excellent low irradiation performance, validated by 3rd party
- Lower temperature coecient (-0.29%/°C)
- Higher bifaciality, with up to 10%~20% additional power gain from back side depending on albedo
- Reliable dual-glass structure with 30-year power guarantee

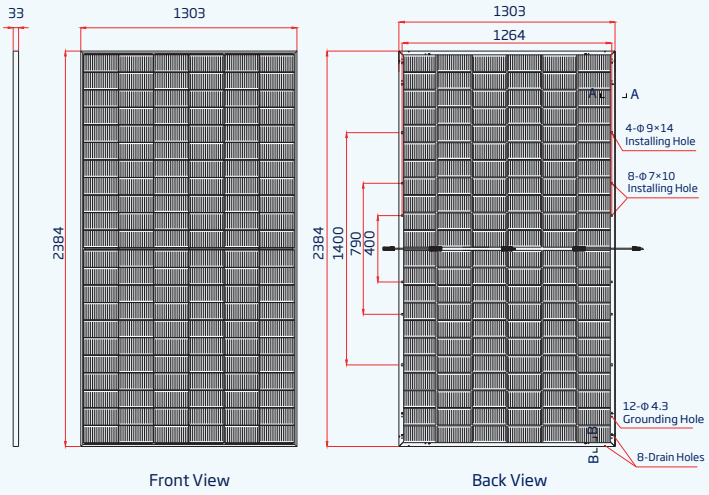
- IEC61215/IEC61730/IEC61701/IEC62716/UL61730
- ISO 9001: Quality Management System
- ISO 14001: Environmental Management System
- ISO14064: Greenhouse Gases Emissions Verication
- ISO45001: Occupational Health and Safety Management System

LINEAR PERFORMANCE WARRANTY

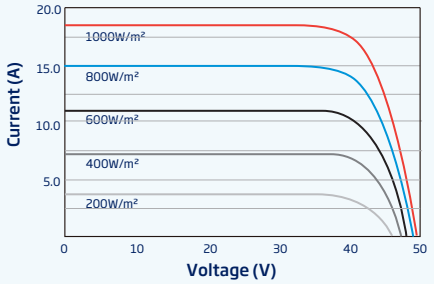
10**Year Product Warranty** • **25 Year Linear Power Warranty**



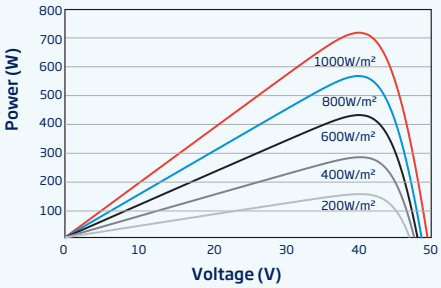
DIMENSIONS OF PV MODULE(mm)



I-V CURVES OF PV MODULE (715W)



P-V CURVES OF PV MODULE (715W)



ELECTRICAL DATA (STC)

Testing Condition	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI
Peak Power Watts-PMAX(Wp)*	700	534	776	705	540	781	710	543	787	715	547	792	720	551	798	725	555	801
Power Selection (W)**	0 ~ +5																	
Maximum Power Voltage-VMPP (V)	40.5	38.0	40.5	40.7	38.3	40.7	40.9	38.5	40.9	41.1	38.7	41.1	41.3	38.8	41.3	41.5	39.0	41.5
Maximum Power Current-IMPP (A)	17.29	14.04	19.15	17.33	14.08	19.19	17.36	14.12	19.23	17.40	14.14	19.28	17.44	14.19	19.32	17.47	14.23	19.36
Open Circuit Voltage-VOC (V)	48.6	46.1	48.6	48.8	46.3	48.8	49.0	46.5	49.0	49.2	46.7	49.2	49.4	46.9	49.4	49.6	47.1	49.6
Short Circuit Current-ISC (A)	18.32	14.76	20.30	18.36	14.80	20.34	18.40	14.83	20.39	18.44	14.86	20.43	18.49	14.90	20.49	18.54	14.94	20.54
Module Efficiency η m (%)	22.5			22.7			22.9			23.0			23.2			23.3		

STC: Irradiance 1000W/m2, Cell Temperature 25°C, Air Mass AM1.5. NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s. BNPI: Irradiance: front 1000W/m², rear 135W/m², Temperature25°C, Air Mass AM1.5
*Measuring tolerance: ±3%. **Power selection up to: +3%.

ELECTRICAL DATA (NOCT)

Backside Power Gain	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%	5%	10%
Peak Power Watts-PMAX(Wp)	735	770	740	776	746	781	751	787	756	792	761	798
Maximum Power Voltage-VMPP (V)	40.5	40.5	40.7	40.7	40.9	40.9	41.1	41.1	41.3	41.3	41.5	41.5
Maximum Power Current-IMPP (A)	18.15	19.02	18.20	19.06	18.23	19.10	18.27	19.14	18.31	19.18	18.34	19.22
Open Circuit Voltage-VOC (V)	48.6	48.6	48.8	48.8	49.0	49.0	49.2	49.2	49.4	49.4	49.6	49.6
Short Circuit Current-ISC (A)	19.24	20.15	19.28	20.20	19.32	20.24	19.36	20.28	19.41	20.34	19.47	20.39

Power Bifaciality:80±5%.

MECHANICAL DATA

Solar Cells	N-type i-TOPCon Monocrystalline
No. of cells	132 cells
Module Dimensions	2384×1303×33 mm (93.86×51.30×1.30 inches)
Weight	38.3 kg (84.4 lb)
Front Glass	2.0 mm (0.08 inches), AR Coating Heat Strengthened Glass
Back Glass	2.0 mm (0.08 inches), Heat Strengthened Glass (White Coating)
Frame	33mm(1.30 inches) Anodized Aluminium Alloy

J-Box	IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm² (0.006 inches²) Portrait: 350/280 mm(13.78/11.02 inches) Length can be customized
Connector	MC4 EVO2 / TS4 Plus / TS4*
Packaging	Modules per box: 33 pieces Modules per 40' container: 594 pieces

*Please refer to regional datasheet for specified connector.

TEMPERATURE RATINGS

NOCT(Nominal Operating Cell Temperature)	43℃ (±2℃)
Temperature Coefficient of PMAX	- 0.29% /℃
Temperature Coefficient of VOC	- 0.24% /℃
Temperature Coefficient of ISC	0.04% /℃

Due to different testing methods, the actual performances might differ from the declared specifications.

MAXIMUM RATINGS

Operating Temperature	-40~+70℃
Maximum System Voltage	1500V DC (IEC)
	1500V DC (UL)
Max Series Fuse Rating	35A

STC: Irradiance 1000W/m² Cell Temperature 25°C AM=1.5

NOCT: Irradiance 800W/m² Ambient Temperature 20°C AM=1.5 Wind Speed 1m/s

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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Version number: JAX700-725M

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