

Monocrystalline Module

JS210MC150

510W

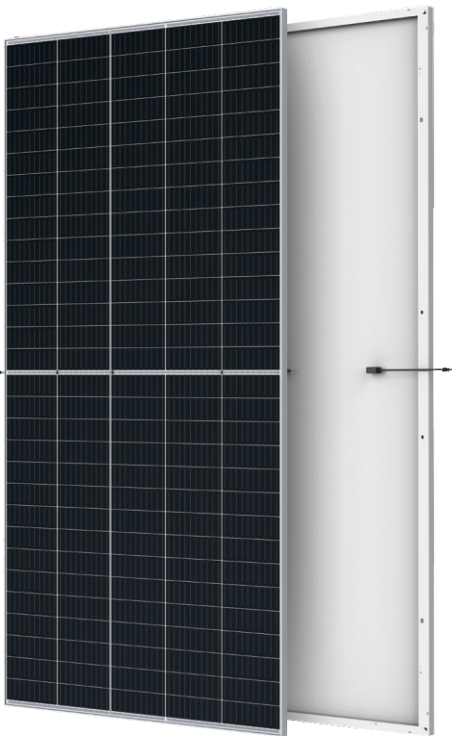
Maximum power output

0~+5W

Positive power tolerance

21.2%

Maximum Efficiency



High power up to show

- Large area cells based on 210mm silicon wafers and 1/3-cut cell technology
- Up to 21.2% module efficiency with high density interconnect technology
- Multi-busbar technology for better light trapping effect, lower series resistance and improved current collection



High customer value

- Lower guaranteed first year and annual degradation
- Designed for compatibility with existing mainstream system components
- Higher return on Investment



PID Resistant

- Minimized micro-cracks with innovative non-destructive cutting technology
- Ensured PID resistance through cell process and module material control

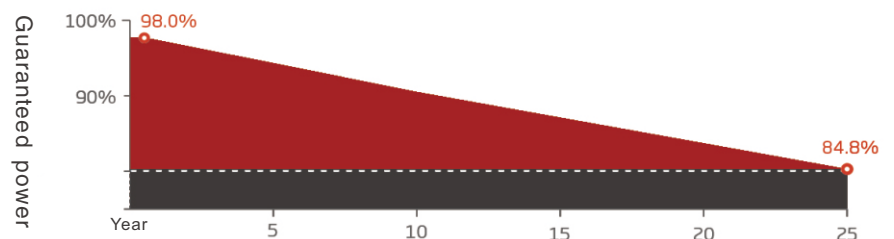
25

25-year power warranty

Comprehensive Products and System Certificates

ISO 9001: Quality Management System
ISO 14001: Environmental Management System
IEC 61215/IEC 61730
CGC

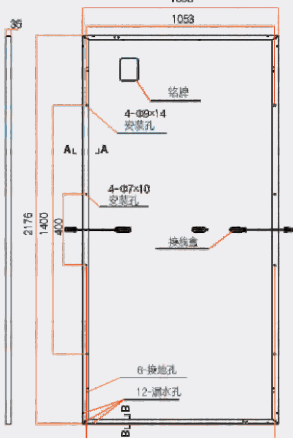
JS Solar's performance Warranty



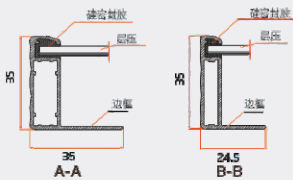
组件尺寸 (mm)



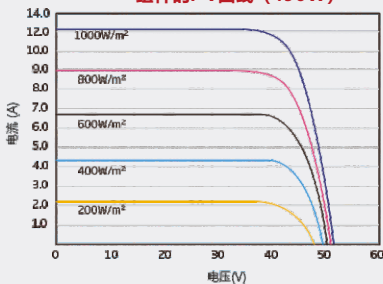
正视图



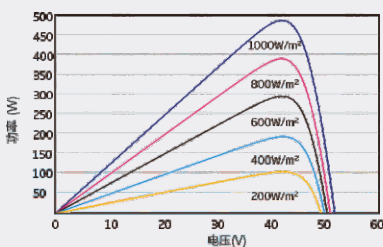
后视图



组件的I-V曲线 (490W)



组件的P-V曲线 (490W)



ELECTRICAL DATA (STC)

Peak Power Watts-PMAX (Wp)	485	490	495	500	505	510
Power Tolerance-PMAX (W)	0 ~ +5					
Maximum Power Voltage-VMPP (V)	42.2	42.4	42.6	42.8	43.0	43.2
Maximum Power Current-IMPP (A)	11.49	11.56	11.63	11.69	11.75	11.81
Open Circuit Voltage-VOC (V)	51.1	51.3	51.5	51.7	51.9	52.1
Short Circuit Current-ISC (A)	12.07	12.14	12.21	12.28	12.35	12.42
Module Efficiency η (%)	20.1	20.3	20.5	20.7	21.0	21.2

STC: Irradiance 1000W/m² Cell Temperature 25°C Air Mass AM1.5
*Measuring tolerance: $\pm 3\%$.

ELECTRICAL DATA (NOCT)

Maximum Power-PMAX (Wp)	365	369	373	377	381	385
Maximum Power Voltage-VMPP (V)	39.9	40.0	40.2	40.4	40.6	40.5
Maximum Power Current-IMPP (A)	9.17	9.22	9.28	9.33	9.38	9.50
Open Circuit Voltage-VOC (V)	48.1	48.2	48.4	48.6	48.8	49.0
Short Circuit Current-ISC (A)	9.73	9.78	9.84	9.90	9.95	10.01

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

MECHANICAL DATA

Solar Cells	Monocrystalline
Cell Orientation	150 cells
Module Dimensions	2187×1102×35 mm
Weight	26.5 kg
Glass	3.2 mm, High Transmission, AR Coated Heat Strengthened Glass
Encapsulant Material	EVA
Backsheet	White
Frame	35 mm Anodized Aluminium Alloy
J-Box	IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm ² Portrait: N 280mm/P 280mm Length can be customized

*Please refer to regional datasheet for specified connector.

TEMPERATURE RATINGS

NOCT(Nominal Operating Cell Temperature)	43°C ($\pm 2^\circ\text{C}$)
Temperature Coefficient of PMAX	-0.34%/°C
Temperature Coefficient of VOC	-0.25%/°C
Temperature Coefficient of ISC	0.04%/°C

MAXIMUM RATINGS

Operational Temperature	-40 ~ +85°C
Maximum System Voltage	1500V DC (IEC)
Max Series Fuse Rating	20A

PACKAGING CONFIGURATION

Modules per box:	31 pieces
Modules per 40' container:	620 pieces