

Monocrystalline PV Module

JY285M60



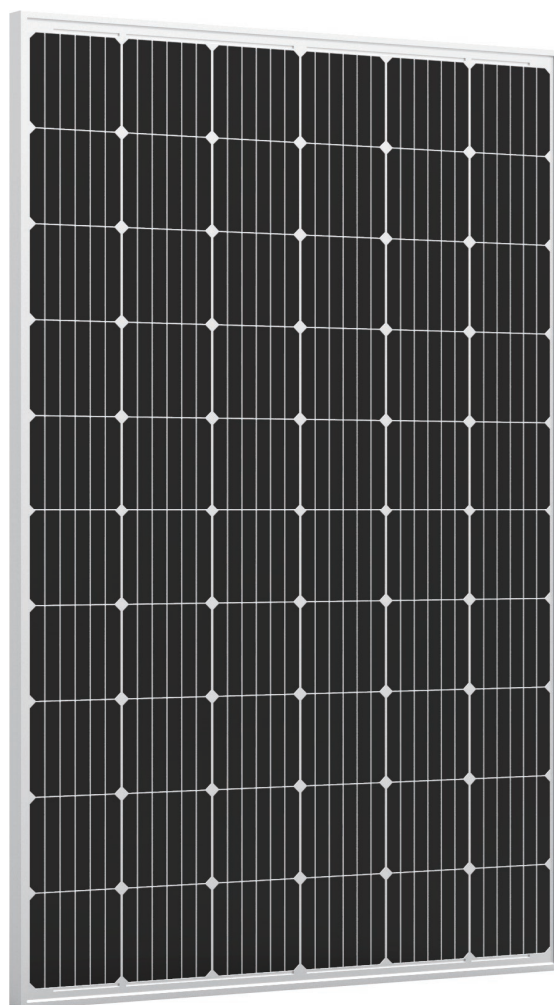
Superior silicon cells, High efficiency solar panel, Most cost-effective and ideal option for power station.



High transparent self-clean tempered glass to increase the light adoption and effectively reduce the power loss which is caused by dust.



Reinforced frame with more remarkable loading capacity.



Product Certification & Management Certification

- IEC61215/IEC61730/IEC61701/IEC62716
- ISO 9001:Quality Management System
- ISO 14001:Environment Management System
- ISO 45001:Occupation Health Safety Management System



Note: Read and understand the installation and safety manual before installation.
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Electrical performance parameters (STC)

Power Output	Pmax(W)	285
Rated Power Maximum Voltage	Vmp(V)	32.0
Rated Power Maximum Current	Imp(A)	8.91
Open Circuit Voltage	Voc(V)	38.7
Short Circuit Current	Isc(A)	9.51
Module Efficiency	(%)	17.5
Power Tolerance	(W) ₀	~+5

* STC : 1000W/m2 irradiance, 25° C module temperature, AM1.5 spectrum.

Structure Features

Solar Cell	MONO
Solar Cell Array	60 pcs(6x10)
Module Dimension	1640×992×35mm
Weight	17.7 kg
Glass	3.2 mm (0.13 inches) highly transparent anti-reflection coating tempered glass
Back sheet	White
Frame	Anodized Aluminum Alloy
Junction Box	IP68 rated
Cable	4mm ² L=900 mm、PV cable
Diode Quantity	3
Wind Pressure/Snow Pressure	2400pa / 5400pa
Fire class	Class C
Connector	PV-C001, PV-C002, PV-C002-xy (Suzhou UKT New Energy Technology Co., Ltd.); PV-JK03M-1B, PV-JK03M-2B, PV-JK03M-1, PV-JK03M-2 (Jiangxi Jinko PV Material Co., Ltd); PV-KST4/xy-UR(male)&PV-KBT4/xy-UR(female), PV-KST4-EV02/XY(male)&PV-KBT4-EV02/XY (female) (Multi-Contact Essen GmbH); PV-CQ002(Cixi Chuangqi Photovoltaic Technology Co., Ltd.); PV-KST4/xy-UR(male)&PV-KBT4/xy-UR(female), PV-KST4-EV02/XY_UR/PV-KBT4-EV02/XY_UR, PV-KST4/xy-UR&PV-KBT4 /xy-UR (Staubli Electrical connectors AG); PV-XT101.1, PV-XT101(Suzhou Xiong Photovoltaic Technologies Co., Ltd.)

* More details please read the installation manual.

Temperature Characteristics

Solar Cells Rated Working Temperature	44±2°C
Temperature Coefficient (Isc)	+0.057%/°C
Temperature Coefficient (Voc)	-0.317%/°C
Temperature Coefficient (Pmax)	-0.395%/°C

PACKAGING

Number of modules per pallet		30 pcs
17.5*2.8m	Flatbed loading	1500 pcs
13.0*2.35m	Flatbed loading	900 pcs
20GP	Standard container	360 pcs
40HQ	Standard container	840 pcs

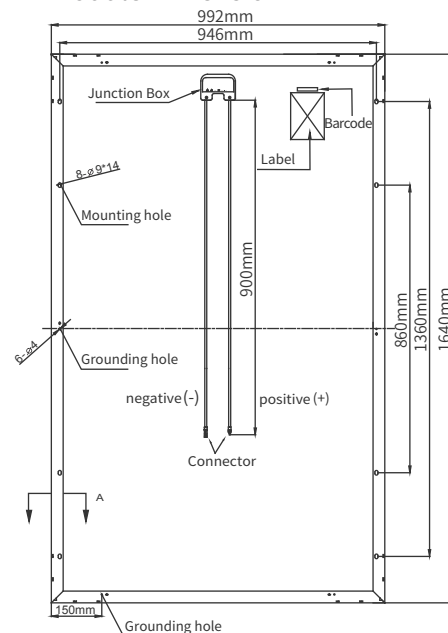
Maximum Ratings

Working Temperature	-40~+85°C
Maximum System Voltage	1000V DC
Maximum Fuse Rated Current	15A

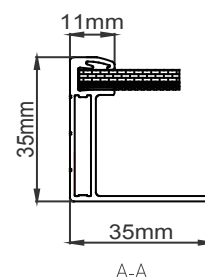
Optional

Back sheet color	<input type="checkbox"/> Black	<input type="checkbox"/> Transparency
Cable length	<input type="checkbox"/> 1000mm	<input type="checkbox"/> 900mm
Frame	<input type="checkbox"/> Black	
Solar Module Dimension	<input type="checkbox"/> 1640x992x40mm	

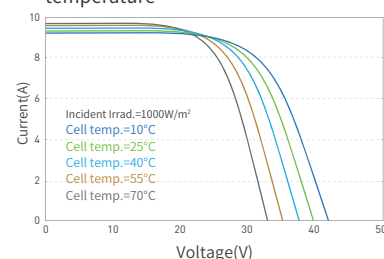
Module Dimension



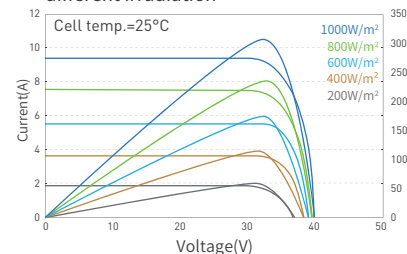
Back view



I-V curves of module under different temperature



I-V curves/P-V curves of module under different irradiation



MADE IN CHINA

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