


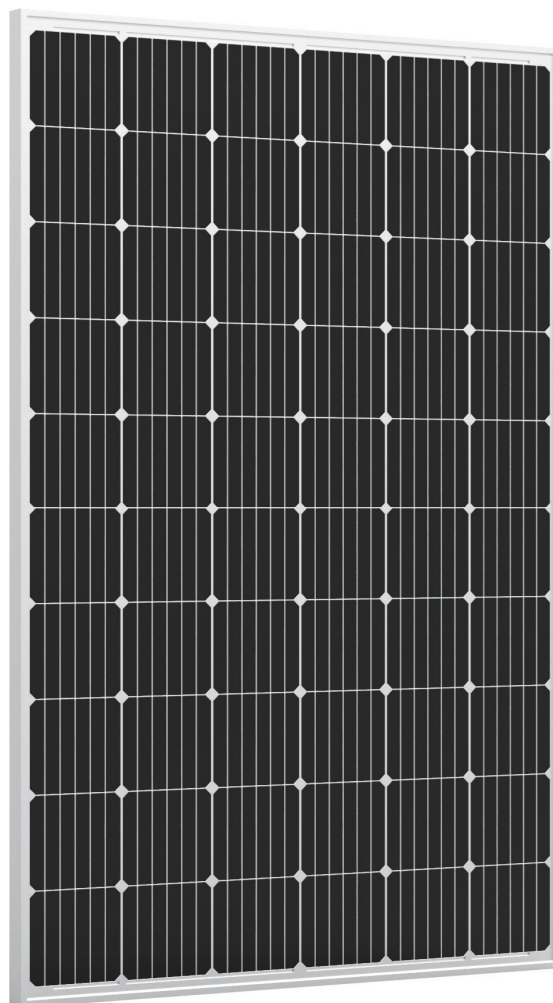


Monocrystalline PV Module

JY280M60

-  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	P _{max} (W)	280
Rated Power Maximum Voltage	V _{mp} (V)	31.8
Rated Power Maximum Current	I _{mp} (A)	8.81
Open Circuit Voltage	V _{oc} (V)	38.6
Short Circuit Current	I _{sc} (A)	9.49
Module Efficiency	(%)	17.2
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-C0002 (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 Xtong Photovoltaic Technologies Co., Ltd.)

* More details please read the installation manual.

Temperature Characteristics

Solar Cells Rated Working Temperature	44±2°C
Temperature Coefficient (I _{sc})	+0.057%/°C
Temperature Coefficient (V _{oc})	-0.317%/°C
Temperature Coefficient (P _{max})	-0.395%/°C

Maximum Ratings

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

PACKAGING

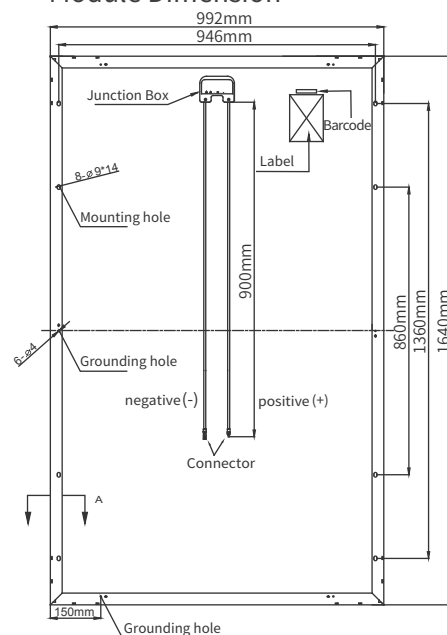
Number of modules per pallet	30 pcs
17.5*2.8m Flatbed loading	1500 pcs
13.0*2.35m Flatbed loading	900 pcs
20GP Standard container	360 pcs
40HQ Standard container	840 pcs

Optional

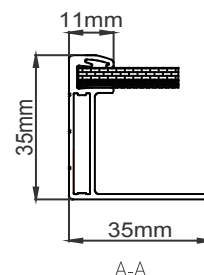
Back sheet color	<input type="checkbox"/> Black <input type="checkbox"/> Transparency
Cable length	<input type="checkbox"/> 1000mm <input type="checkbox"/> 900mm
Frame	<input type="checkbox"/> Black
Solar Module Dimension	<input type="checkbox"/> 1640x992x40mm

Power measurement error +/-3%

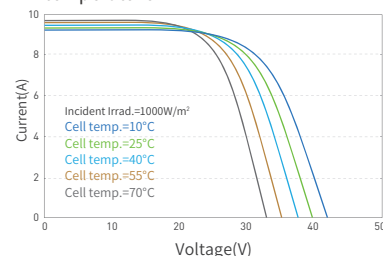
Module Dimension



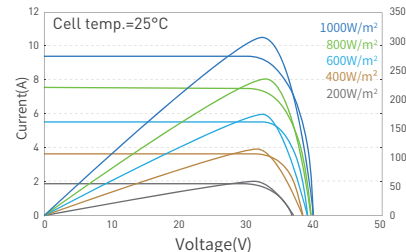
Back view



I-V curves of module under different temperature



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



MADE IN CHINA

