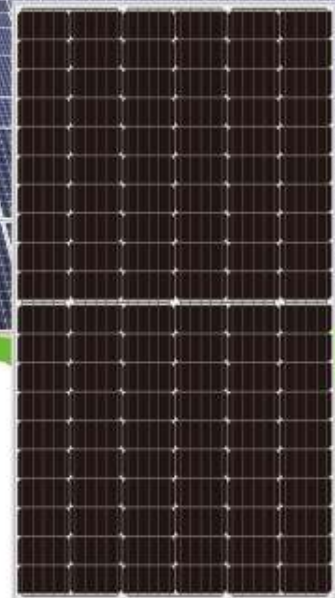




Enjoy Sunshine Enjoy Life



MONOCRYSTALLINE SOLAR MODULE

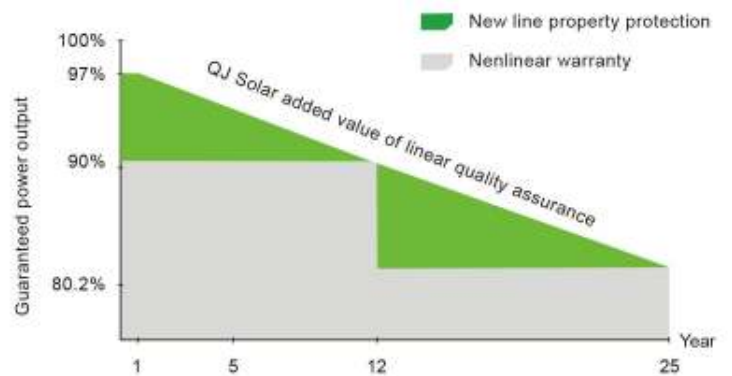
MONOCRYSTALLINE 120-CELL SERIES

The solar panel characteristics

- 1500 Voltage**
1500V system voltage design, compared with 1000V system greatly reduces BOS cost.
- 6BB**
More uniform current collection ability, reduce the current heat loss of the battery inside the module; Beautiful appearance, more suitable for roof installation.
- PID Resistant**
Tested in accordance to the draft standard IEC 62804, our PV modules have demonstrated resistance against PID(Potential Induced Degradation), which translates to security for your investment.
- Low light performance**
Through the use of excellent glass and battery surface velvet technology to achieve low light environments excellent performance.
- Load Capacity**
The whole assembly has been certified with wind load of 2400Pa and snow load of 5400Pa, pass extra 8000Pa snow resistance.
- Customizable**
Solar panels can be customized as your requirements.

QJ Solar linear warranty

- 10 YEAR** 10 Years Limited Product Warranty
- 25 YEAR** 25 Years Performance Warranty



MONOCRYSTALLINE 120-CELL SERIES



ELECTRICAL PERFORMANCE

Module Type			QJM325 -120H	QJM330 -120H	QJM335 -120H	QJM340 -120H
Power output	P_{max}	Wp	325	330	335	340
Power output tolerance	ΔP_{max}	W	0 + 3			
Voltage at Pmax	V_{mp}	V	33.4	33.6	33.8	34.1
Current at Pmax	I_{mp}	A	9.73	9.83	9.92	9.98
Open-circuit voltage	V_{oc}	V	40.75	40.99	41.24	41.61
Short-circuit current	I_{sc}	A	10.29	10.39	10.51	10.57
Module Efficiency	Eff.	%	19.2	19.50	19.79	20.09

TEMPERATURE & MAXIMUM RATINGS

Temperature coefficient of Pmax	-0.39%/°C
Temperature coefficient of Voc	-0.32%/°C
Temperature coefficient of Isc	0.055 %/°C
Operational Temperature	-45 °C ~+85 °C
Maximum System Voltage	1000/1500VDC
Max Series Fuse Rating	15A

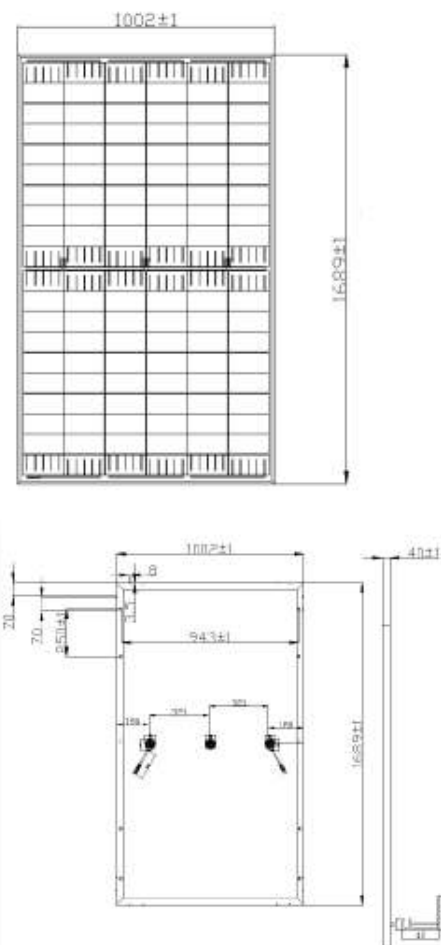
MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low iron, high transmission, tempered AR coated glass, 3.2mm
Backsheet (color)	white/black
Solar Cell (quantity / material / dimension)	1206*10+6*10, monocrystalline, 158.75*158.75mm
Frame (material / color)	anodized aluminum alloy, silver/black
Junction box (protection degree)	IP67, 3 Schottky bypass diodes
Cables & Plug connectors	300mm, 4mm ² & MC4 compatible
Module Dimensions (L / W / H)	1689*1002*35mm/40mm
Module Weight	18.7/19kg

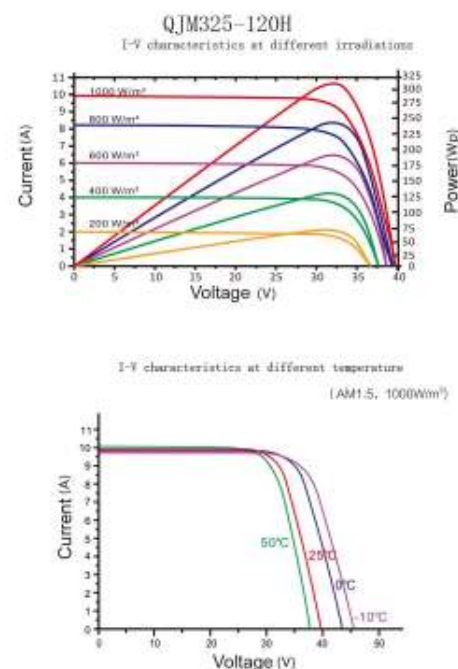
PACKING DETAILS

Container	20' GP	40' GP
Pieces per pallet	30PCS	30PCS
Pallets per container	12P	26P
Pieces per container	360PCS	780PCS

Module Diagram:



Electrical Curves:



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