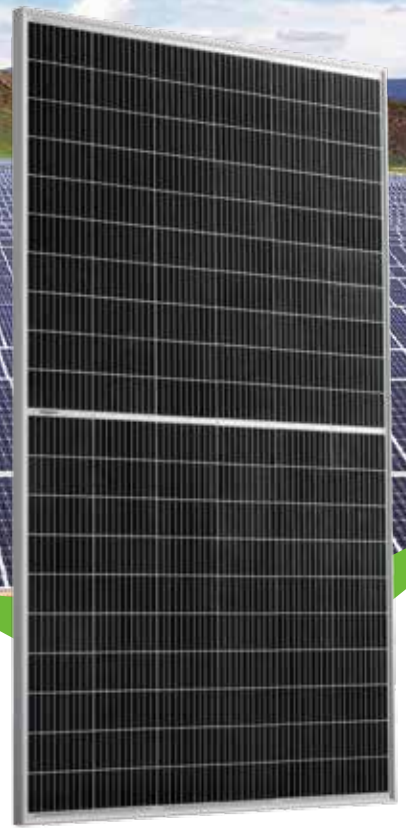




Enjoy Sunshine. Enjoy Life



# 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.



**9BB**  
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 environment 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.

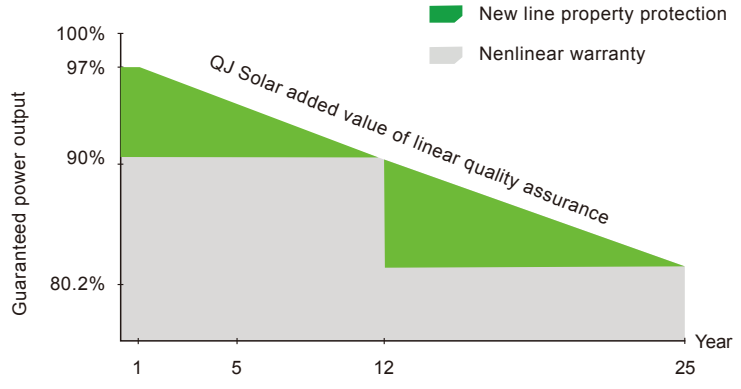
### QJ Solar linear warranty



**10 Years**  
Limited Product Warranty



**25 Years**  
Performance Warranty



# MONOCRYSTALLINE 120-CELL SERIES



## ELECTRICAL PERFORMANCE

Module Type			QJM325 -120H	QJM330 -120H	QJM335 -120H	QJM340 -120H	QJM345 -120H
Power output	$P_{max}$	Wp	325	330	335	340	345
Power output tolerance	$\Delta P_{max}$	W	0 + 3				
Voltage at Pmax	$V_{mpp}$	V	33.99	34.06	34.18	34.39	34.55
Current at Pmax	$I_{mpp}$	A	9.59	9.71	9.82	9.93	10.01
Open-circuit voltage	$V_{oc}$	V	40.18	40.29	40.42	40.55	40.64
Short-circuit current	$I_{sc}$	A	10.17	10.30	10.40	10.51	10.60
Module Efficiency	Eff.	%	19.20	19.50	19.79	20.09	20.39

## 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

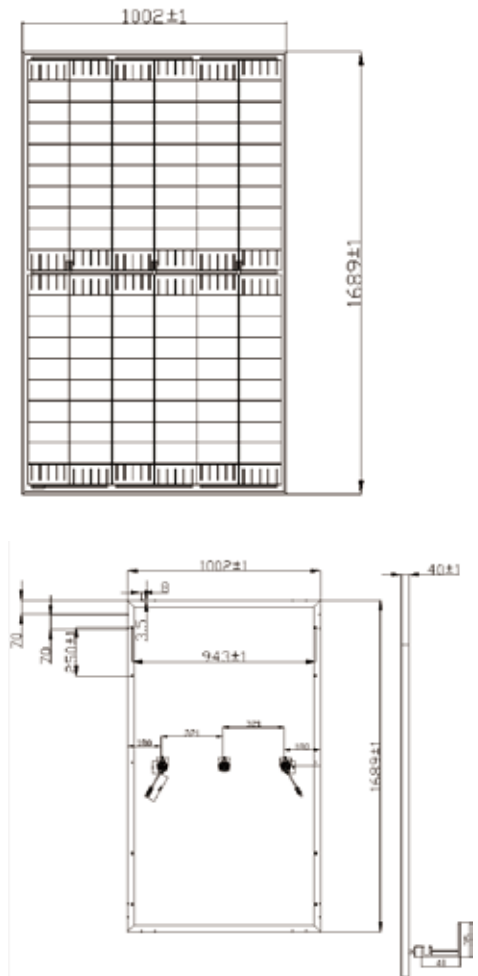
## MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron, high transmission, tempered AR coated glass, 3.2mm
Backsheet (color)	white/black
Solar Cell (quantity / material / dimension)	120(6*10+6*10), monocrystalline, 9BB, 158.75*79.375mm
Frame (material / color)	anodized aluminum alloy, silver/black
Junction box ( protection degree)	IP 67, 3 Schottky bypass diodes
Cables & Plug connectors	300mm, 4mm <sup>2</sup> & MC4 compatible
Module Dimensions (L / W / H)	1689*1002*35mm/40mm
Module Weight	18.7/19kg

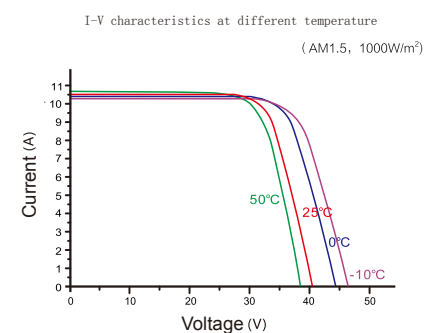
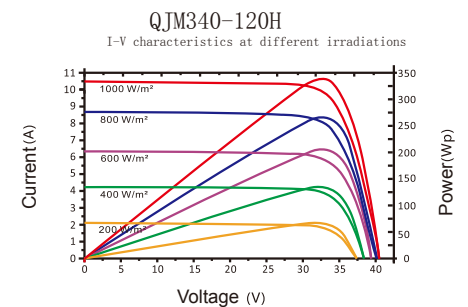
## PACKING DETAILS

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

Module Diagram:



Electrical Curves:



## QJ SOLAR Cixi City Rixing Electronics Co., Ltd.

Add: Jietang Industrial Park, Zhouxiang Town, Cixi City, Zhejiang Province, China.  
Tel: 86-574-63441748 Fax: 86-574-63456148  
Email: sales@qjsolar.com Web.: www.qjsolar.com

