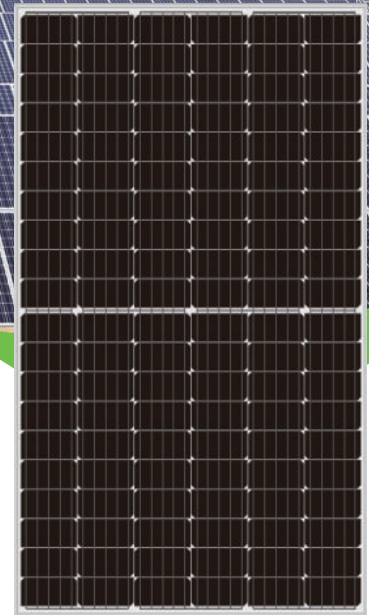




Enjoy Sunshine Enjoy Life



# 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.



**5BB**  
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.

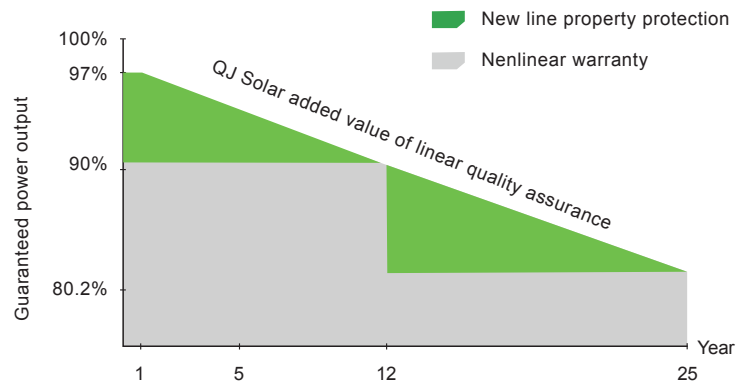
### QJ Solar linear warranty



**10 Years**  
Limited Product Warranty



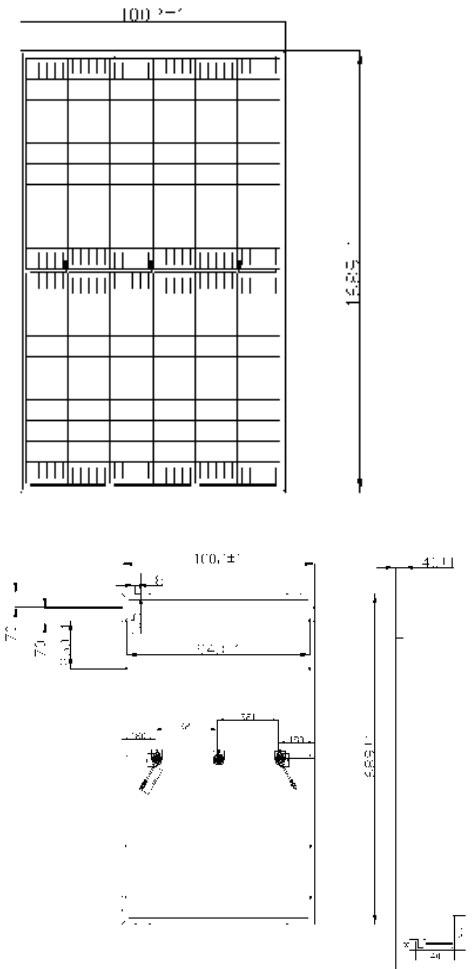
**25 Years**  
Performance Warranty



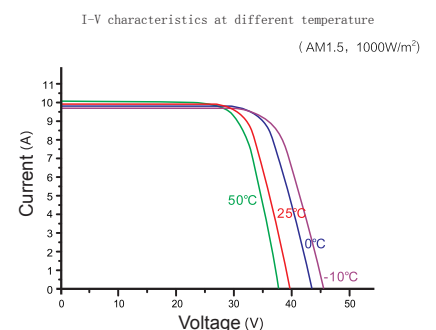
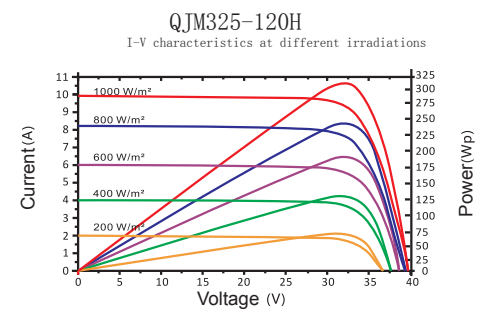
# MONOCRYSTALLINE 120-CELL SERIES



Module Diagram:



Electrical Curves:



ELECTRICAL PERFORMANCE								
Module Type			QJM325 -120H	QJM330 -120H	QJM335 -120H	QJM340 -120H	QJM345 -120H	
Power output	$P_{max}$	$W_p$	325	330	335	345	345	
Power output tolerance	$\Delta P_{max}$	$W$	0 + 3					
Voltage at Pmax	$V_{mpp}$	$V$	33.4	33.6	33.8	34.1	34.3	
Current at Pmax	$I_{mpp}$	$A$	9.73	9.83	9.92	9.98	10.06	
Open-circuit voltage	$V_{oc}$	$V$	40.75	40.99	41.24	41.61	42.05	
Short-circuit current	$I_{sc}$	$A$	10.29	10.39	10.51	10.57	10.68	
Module Efficiency	$Eff.$	$\%$	19.2	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, 158.75*158.75mm
Frame (material / color)	anodized aluminum alloy, silver/black
Junction box ( protection degree)	IP 67, 3 Schottky bypass diodes
Cables & Plug connectors	300mm, 4mm² & 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

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

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