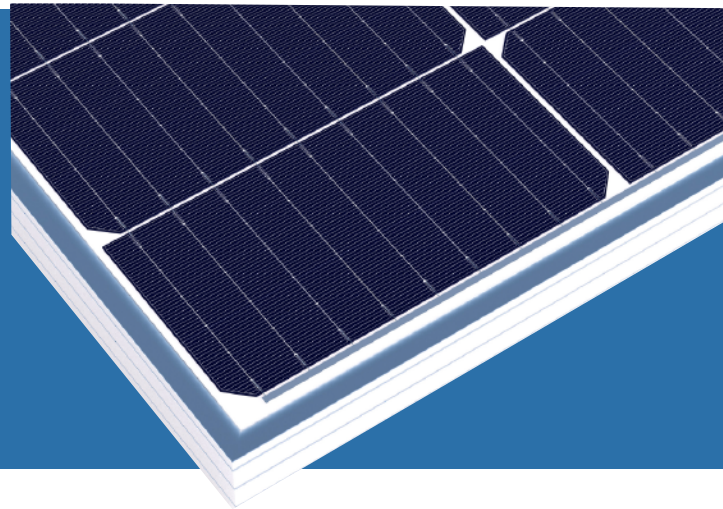


120 Half Cells Solar Panel

120 Half Cells Solar Panel —XL120H-360~380W



IEC 61215
IEC 61730



TUV Standard



ISO 9001:2015



MBB Cell

New circuit design, lower internal current, lower internal resistance loss.



Low Light Features

Higher performance under low light environment



Higher Output Power

Module adopts 120 pcs of 166*166mm half cells, the maximum power can reach 380W.



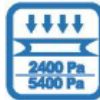
PID Protection

Ensure the attenuation probability caused by PID phenomenon is minimized



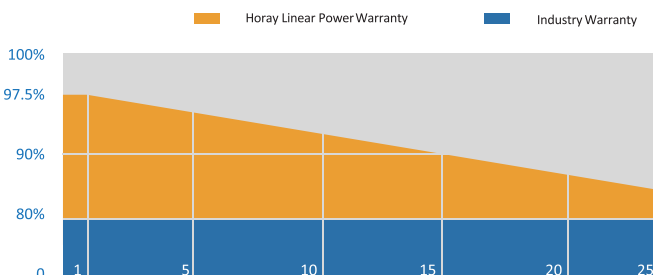
Harsh Environmental Adaptability

Strict salt spray and ammonia corrosion test by TUV Nord.



Load Capacity

Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa done by TUV Nord.



12
Quality Assurance

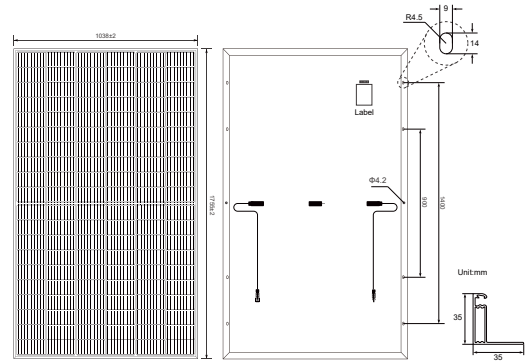
25
linear warranty

0.55%
Linear power decay

SPECIFICATIONS

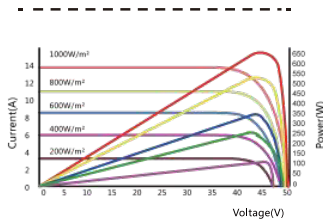
Cell Dimensions	166*166mm
Cell Amount	60*2pcs
Weight	19.5kg
Dimensions	1755*1038*35mm
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² ,Landscape,N 1400mm,P 1400mm,Portrait,N 200mm,P 300mm
Connector	MC4 compatible
Application Level	Class A

MECHANICAL DIAGRAMS

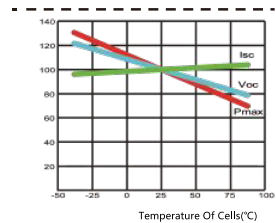


CHARICTERISTICS

XL120H-360W



XL120H-360W



PACKING INFORMATION

Packing Type	40'HQ
pcs/Pallet	31Pieces
Pallet/Container	26
Packing Description	26Pallets, Total=(33+33)*13=858 Pieces

12 YEARS Quality Warranty

25 YEARS Power Warranty

ELECTRICAL PARAMETERS

Type	XL-120H-360W		XL-120H-365W		XL-120H-370W		XL-120H-375W		XL-120H-380W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rate Maximum Power-Pmax[W]	360	268.80	365	272.60	370	276.30	375	280	380	283.80
Open Circuit Voltage-Voc[V]	40.50	38.00	40.70	38.20	40.90	38.30	41.10	38.50	41.30	38.70
Short Circuit Current-Isc[A]	11.35	9.17	11.43	9.25	11.52	9.32	11.60	9.38	11.69	9.45
Maximum Power Voltage-Vmp[V]	34.00	31.70	34.20	31.80	34.40	32.00	34.60	32.20	34.80	32.40
Maximum Power Current-Imp[A]	10.59	8.49	10.68	8.56	10.76	8.63	10.84	8.69	10.92	8.76
Module Efficiency-η[%]	19.80%	/	20.00%	/	20.30%	/	20.60%	/	20.90%	/
Output Tolerance	0~±3%									
Operating Temperature	-40°C~+85°C									
Maximun System Voltage	1500V									
Maximum Series Fuse Rating	25A									
Temp Coefficient of Pmax	-0.35%/°C									
Temp Coefficient of VOC	-0.275%/°C									
Temp Coefficient of ISC	+0.045%/°C									
Nominal Operating Cell Temperature	45±2°C									

STC: Irradiance: 1000W/m²

Temperature: 25°C

AM: =1.5

NOCT: Irradiance: 800W/m²

Temperature: 20°C

AM: =1.5

Wind Speed 1m/s