



X-Sol Series

HJT

585W-600W

XP-MH72L-585W-600W Dual Glass

High Efficiency Heterojunction Cell Technology
The solar cells made of silicon

Comprehensive Products and System Certificates



PICC Product Insurance



-0.26%/C Pmax temperature coefficient More stable power generation performance and even better in hot climate.



Industry leading products and performance guarantee



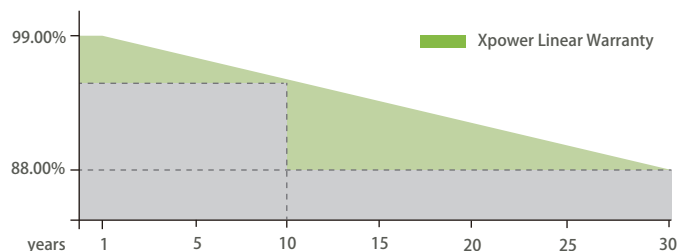
Bifacial module back-side power generation increased



Multi-busbar shortens the current transmission distance, reduces resistance loss and improves cells efficiency



Lower BOS&COE
Suitable for utility project

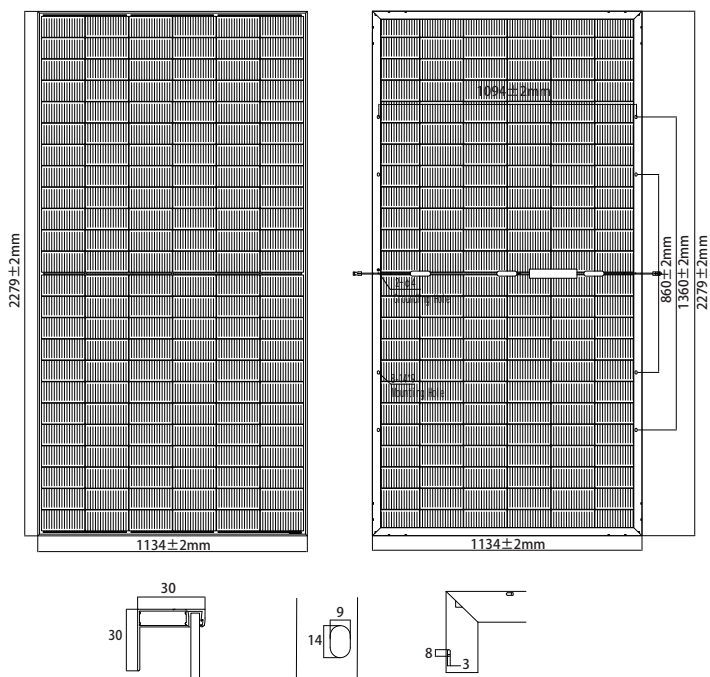


15 years Product quality & process guarantee

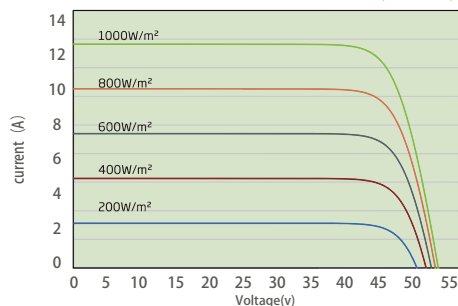


30 years Linear power guarantee

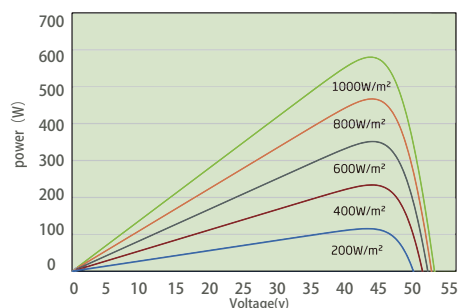
DWSIGH



I-V CURVES OF PV MODULE (590w)



P-V CURVES OF PV MODULE (590w)



ELECTRIC CHARACTERISTICS

Model of modules	XP-MH72L-585W Dual Glass		XP-MH72L-590W Dual Glass		XP-MH72L-595W Dual Glass		XP-MH72L-600W Dual Glass	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximun power-Pmax(W)	585	439	590	443	595	447	600	451
Open Circuit voltage-Voc(V)	53.69	49.92	53.81	50.04	53.93	50.16	54.05	50.28
Short Circuit Current-Isc (A)	13.36	10.96	13.45	11.05	13.54	11.14	13.63	11.23
Maximum Power Voltage-Vmpp (V)	45.30	41.82	45.42	41.94	45.63	42.06	45.84	42.18
Maximum Power Current-Impp (A)	12.92	10.50	12.99	10.57	13.04	10.63	13.09	10.70
Module efficiency (%)	22.6%		22.8%		23.0%		23.2%	
Module efficiency w/m	226.4W		228.3W		230.2W		232.2W	

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25 °C, Spectra at AM1.5 NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/5

MECHANICAL DATA

Solar Cells	HJT Monocrystalline 182x 91mm
Number of cells	144 cells
Module Dimensions(L*W*H)	2279±2 x 1134±2 x 30±1mm
Glass	Tempered 2.0mm AR, High transmittance,Low iran
Encapsulant material	POE/EVA
Backsheet	Tempered 2.0mm AR, High transmittance,Low iran
Frame	30mm Anodized Aluminium Alloy
Junction box	IP68/1500V/25A
Output wire	4.0mm2,length:300mm
Connector	MC4 Compatible
Weight	31.5kg
Packging configuration (Container 40HQ)	Quantity/pallet: 36 pieces
	Pallet/container: 20 pallets
	Quantity/container: 720 pieces

REAR SIDE POWER GAIN

Total Equivalent power -P _{MAX} (Wp)	585	590	595	600
Maximum Power Voltage-VMPP (V)	45.30	45.42	45.63	45.84
Maximum Power Current-IMPP (A)	14.22	14.29	14.36	14.40
Open Circuit Voltage-VOC (V)	53.69	53.81	53.93	54.05
Short Circuit Current-ISC (A)	14.70	14.79	14.88	14.97
10% Irradiance ratio (rear/front)	644	649	655	660

reference to 10% Irradiance ratio

TEMPERATURE RATINGS

Nominal operating cell temperature	44±2°C
Temperature Coefficient of P _{Max}	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.04%/°C



Scan QR Code to learn more

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Specifications included in this datasheet are subject to change without notice.