

# X-Sol Series

## HJT

### 700W-715W

XP-MH66H-700W-715W 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



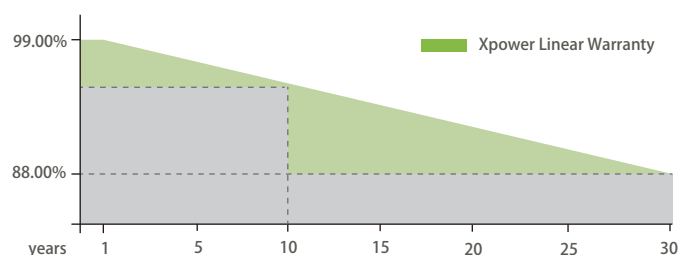
Bifacial module back-side power generation increased



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



Lower BOS&COE  
Suitable for utility project

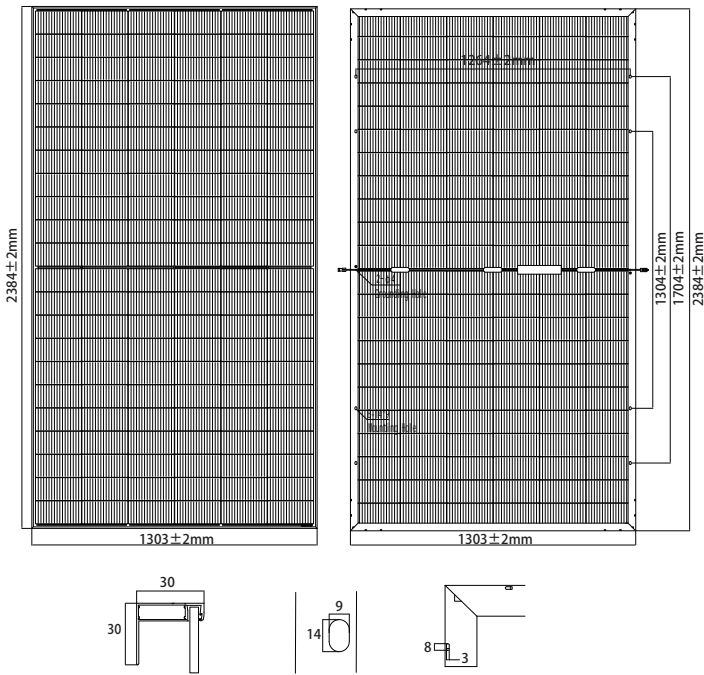


15 years Product quality & process guarantee

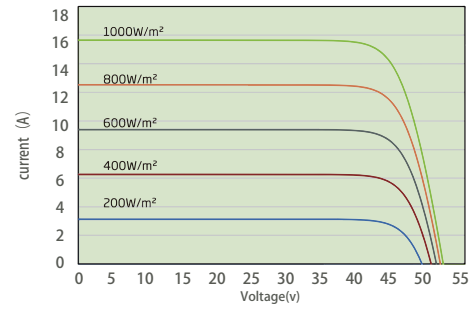


30 years Linear power guarantee

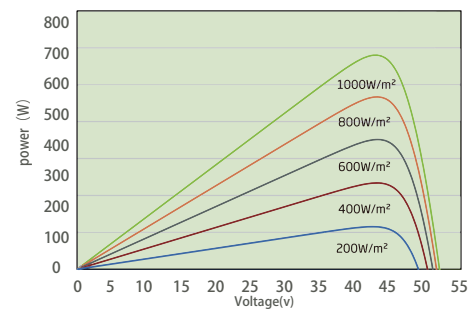
**DWSIGH**



**I-V CURVES OF PV MODULE (700w)**



**P-V CURVES OF PV MODULE (700w)**



**ELECTRIC CHARACTERISTICS**

Model of modules	XP-MH66H-700W Dual Glass		XP-MH66H-705W Dual Glass		XP-MH66H-710W Dual Glass		XP-MH66H-715W Dual Glass	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power-Pmax(W)	700	588	705	592	710	596	715	600
Open Circuit voltage-Voc(V)	50.14	46.57	50.29	46.64	50.44	46.70	50.59	46.76
Short Circuit Current-Isc (A)	17.43	15.31	17.49	15.39	17.55	15.47	17.61	15.55
Maximum Power Voltage-Vmpp (V)	42.11	41.02	42.25	41.20	42.39	41.32	42.54	41.44
Maximum Power Current-Impp (A)	16.63	14.34	16.69	14.37	16.75	14.43	16.81	14.48
Module efficiency (%)	22.5%		22.7%		22.9%		23.0%	
Module efficiency w/m	225.3W		227.0W		228.6W		230.2W	

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 210x 105mm
Number of cells	132 cells
Module Dimensions(L*W*H)	2384±2 x 1303±2 x 30±1mm
Glass	Tempered 2.0mm AR, High transmittance, Low iron
Encapsulant material	POE/EVA
Backsheet	Tempered 2.0mm AR, High transmittance, Low iron
Frame	30mm Anodized Aluminium Alloy
Junction box	IP68/1500V/25A
Output wire	4.0mm², length:300mm
Connector	MC4 Compatible
Weight	38.7kg
Packging configuration (Container 40HQ)	Quantity/pallet: 36 pieces
	Pallet/container: 18 pallets
	Quantity/container: 648 pieces

**REAR SIDE POWER GAIN**

Total Equivalent power -P <sub>MAX</sub> (W <sub>p</sub> )	700	705	710	715
Maximum Power Voltage-VMPP (V)	42.11	42.25	42.39	42.54
Maximum Power Current-IMPP (A)	18.29	18.37	18.43	18.51
Open Circuit Voltage-VOC (V)	50.14	50.29	50.44	50.59
Short Circuit Current-ISC (A)	19.21	19.27	19.33	19.39
10% Irradiance ratio (rear/front)	770	776	781	787

reference to 10% Irradiance ratio

**TEMPERATURE RATINGS**

Nominal operating cell temperature	44±2°C
Temperature Coefficient of P <sub>Max</sub>	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	+0.04%/°C



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