



570W-580W

XP-MH72L-570W-580W X-HiPer Series

HIGH EFFICIENCY HETEROJUNCTION CELL TECHNOLOGY
The solar cells made of silicon

Comprehensive Products and System Certificates

- OHSAS 1 8001: Occupational Health and Safety Management System
- ISO 1 4001: Environmental Management System
- ISO 9001: Quality Management System



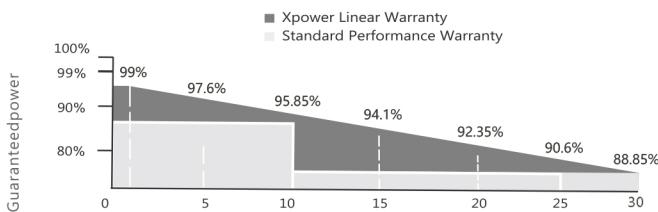
Linear Performance Warranty

15 YEARS

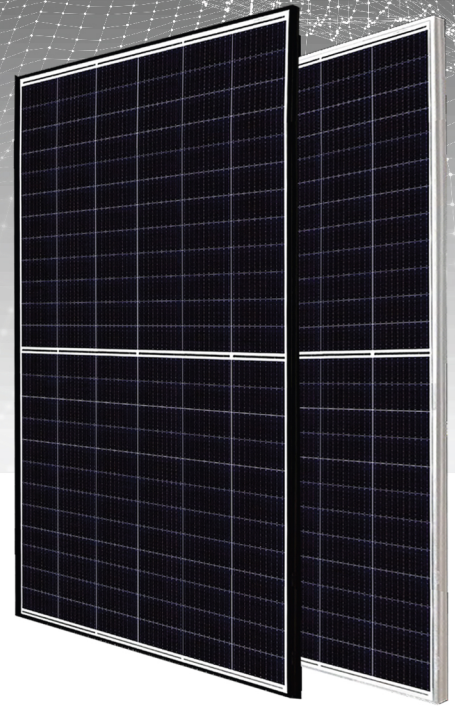
Industry Leading Product
Warranty on Materials and
Workmanship

30 YEARS

Linear Power Performance
Warranty



Product Insurance



Half-cut cell technology
New circuit design
lower internal current, lower Rs loss



3 times EL test to ensure best quality



Resistant to salt-spray corrosion
(IEC61701, certified to TUV Rheinland test standard)



Special circuit design
With much lower hot spot temperature



No B-O LID, excellent anti-leTID & anti-PID performance. Low power degradation, high energy yield



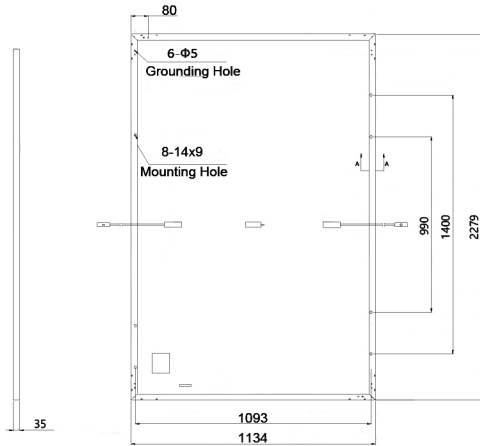
Special cell process ensures great performance under low irradiance conditions

XP-MH72L-570W-580W

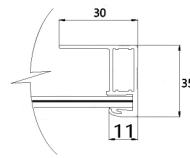
Monocrystalline Module

DESIGN

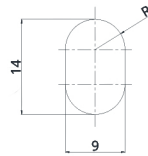
Rear View



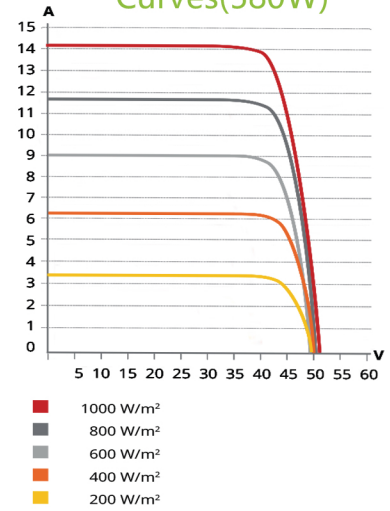
Frame Cross Section A-A



Mounting Hole



Current-Voltage & Power-Voltage Curves(580W)



STRUCTURAL CHARACTERISTICS

Module dimensions (L*W*H)	2279 x 1134 x 35 mm
Weight	27.2 kg
Number of cells	144 cells
Cell	HJT Monocrystalline 182 x 91mm
Glass	Tempered 3.2mm AR, High transmittance, Low iron
Frame	Anodized aluminium alloy
Junction box	IP68, 3 diodes
Output wire	4.0mm², wire length: 400mm
Connector	MC4 Compatible
Mechanical load	5400Pa

TEMPERFORMANCE RATINGS

Temperature coefficient (P_{max})	-0.26%/°C
Temperature coefficient (V_{oc})	-0.24%/°C
Temperature coefficient (I_{sc})	0.04%/°C
Nominal operating cell temperature	41±3°C

PACKAGING CONFIGURATION

Container	40HQ
Quantity/pallet	31
Pallets/container	20
Quantity/container	620

ELECTRIC CHARACTERISTICS

Model of modules	XP-MH72L-570W		XP-MH72L-575W		XP-MH72L-580W	
	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power – P_{mp} (W)	570	428	575	431	580	435
Open-circuit voltage – V_{oc} (V)	51.2	49.6	51.3	49.7	51.4	49.8
Short-circuit current – I_{sc} (A)	14.05	10.79	14.10	10.83	14.18	10.87
Maximum power voltage – V_{mp} (V)	43.0	41.8	43.2	41.7	43.3	41.7
Maximum power current – I_{mp} (A)	13.26	10.24	13.31	10.34	13.39	10.44
Module efficiency – η_m (%)	22.06%		22.25%		22.44%	
Module efficiency w/m²	220.6W		222.5W		224.4W	
Power tolerance (W)			(0, +5)			
Maximum system voltage (V)			1500V			
Maximum rated fuse current (A)			25A			
Current operating temperature (C)			-40°C ~ +85°C			

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/S