

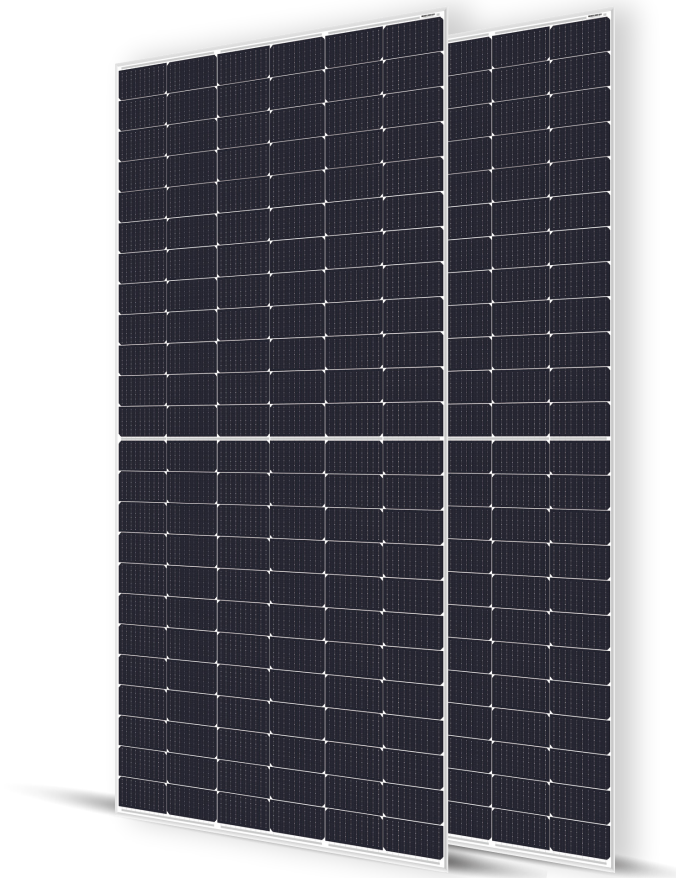
# ZPM

PERC Monocrystalline Silicon Photovoltaic Panel 530~550 W 72 pcs

ZPM 530MH5-72~ZPM 550MH5-72



ZONERGY



MBB and half-cell technology applied functions to improve energy density and bring higher output power.



Products of this series passed salt spray and ammonia corrosion test certified by TUV.



The panel is certified for wind load of 2400 Pa and snow load of 5400 Pa.



Attenuation in the first year is less than 2.5%, and the linear attenuation is 0.55% per year within 25 years.



New generation battery technology and optimized circuit design secures to obtain better temperature coefficient and Hot Spot Resistance.



MBB technology adopted secures a stronger performance against Micro Cracking and grid breaking.

ZPM 530MH5-72~ZPM 550MH5-72  
Technical parameters

Technical parameters:	ZPM 530MH5-72	ZPM 535MH5-72	ZPM 540MH5-72	ZPM 545MH5-72	ZPM 550MH5-72
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Electrical performance parameters (STC)					
Maximum output power	530	535	540	545	550
Open circuit voltage	49.23	49.38	49.53	49.68	49.83
Short circuit current	13.46	13.54	13.63	13.71	13.8
Maximum power voltage	40.73	40.88	41.03	41.18	41.31
Maximum power current	13.02	13.1	13.17	13.24	13.31
Panel conversion efficiency	20.51	20.7	20.89	21.09	21.28
Operation temperature	-40 °C~ 85 °C				
Maximum system voltage	1000/1500 VDC				

	Structural parameters
Battery specifications	182*91 mm monocrystalline
Dimension of the panel (mm)	2279*1134*35
Weight of the panel	29 kg
Front glass	3.2 mm high light transmittance, coated tempered glass
Back panel	ageing resistant film
Panel frame	anodized aluminium alloy
Junction box	degrees of protection IP68
Cable	4.0mm <sup>2</sup> Positive pole: 250mm Negative pole: 300mm Wire length: customizable
Connector	MC4

	Temperature characteristics
Temperature coefficient (Pm)	-0.350%/°C
Temperature coefficient (Voc)	-0.270%/°C
Temperature coefficient (Lsc)	0.048%/°C
NMOT battery rated operating temperature	41±3 °C
Certification	IEC61215-1, IEC61215-2, IEC61730-1, IEC61730-2

Note: Technical parameters listed hereunder are for reference only. Actual parameters shall be subject to products shipped.