

WP430PM5-60SB **Monocrystalline PERC solar module**

KEY features



Technology

Technology provides ultra -high efficiency Maximizes installation capacity in limited space.



Beautiful appearance

Best choice of C&I, residential applications.



Enhanced weather resistance

Avoid the microcrack of cells caused by traditional welding process; Modules are flexible and compressive resistance; Suitable for all harsh environments.



Reduce system cost

High module efficiency reduces floor space effectively, BOS, transportation and maintenance costs



Strong compatibility

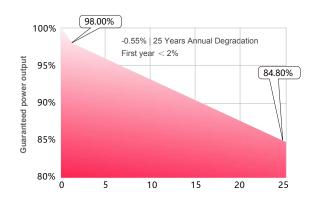
Can be equipped with a variety of mainstream high efficient (PERC, SHJ) cells.



Anti-PID and low LID

To ensure higher actual yield during lifetime.

Warranty







material process warranty



linear power output warranty

Complete system and product certifications

IEC 61215/61730、IEC62804(PID)、IEC61701(Salt)、IEC62716(Ammonia)

ISO 9001:2015 / Quality management System

ISO 14001:2015 / Environmental management System

ISO 45001:2018 / Occupational health and safety Management System

ISO 50001:2011 / Energy management Systems

IEC TS 62941-2016 / Photovoltaic industry Quality management System









Electrical Characteristics at S	tandard Test	Conditions	s(STC)		
Module Type:WPxxxPM5-60SB	430	420	415	410	405
Maximum Power-Pm [W]	430	420	415	410	405
Open Circuit Voltage-Voc [V]	47.0	46.8	46.7	46.6	46.5
Short Circuit Current-Isc [A]	11.27	11.17	11.12	11.07	11.02
Maximum Power Voltage-Vm [V]	39.2	39.0	38.9	38.8	38.7
Maximum Power Current-Im [A]	10.97	10.77	10.67	10.57	10.47
Module Efficiency-η [%]	21.7	21.3	21.1	20.9	20.7
Electrical Characteristics at N	IMOT				
Maximum Power-Pm [W]	325	317	313	309	305
Open Circuit Voltage-Voc [V]	44.8	44.6	44.5	44.4	44.3
Short Circuit Current-Isc [A]	9.09	9.01	8.97	8.93	8.89
Maximum Power Voltage-Vm [V]	37.4	37.2	37.1	37.0	36.9
Maximum Power Current-Im [A]	8.71	8.53	8.44	8.35	8.27

Note: 1. S	tandard Test Conditions [STC]: irra	liance 1000 W/m²; AM 1.5 ;	; ambient temperature 25 $^{\circ}$ according to EN 60904-3	3;
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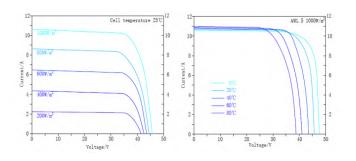
Temperature Characteristics	
NMOT	42.3℃ (±2℃)
Temperature Coefficient of Voc	-0.27%/℃
Temperature Coefficient of Isc	0.04%/℃
Temperature Coefficient of Pm	-0.34%/℃
Maximum Ratings	
Maximum System Voltage [V]	DC 1500(IEC)
Series Fuse Rating [A]	20
Maximum Surface Load Capacity [Pa]	5400
Temperature Range [°C]	- 40∼+ 85

Package	
Size	1719×1140×35mm
Number of panels per pallet	31
Number of pallets per 40'GP container	26
Number of modules per container	806

Mec	nanica	ıl Cha	racte	ristics

Dimensions	1719×1140×35 mm (L×W×H)
Weight	22kg
Front Glass	AR coating tempered glass, 3.2mm
Cells	166x166mm PERC solar cells
Back Sheet	high weatherability back sheet
Frame	Anodized aluminum profile
Junction Box	IP68, TUV, two diodes
Cable	1000mm, 4mm ²
Connector	Compatible with MC4/original

I-V curve



Drawing

