



Polycrystalline Solar Module

多晶硅太阳能组件

PPS330P-72

72 CELL

Poly Crystalline Module

17.18%

Maximum Efficiency

330W

Power Output Range

0/+3W

Positive Power Tolerance



IEC61215
IEC61730

Function Features 功能特点



5 Busbar Solar Cell

5 busbar solar cell adopts new technology to improve the efficiency of modules ,offers a better aesthetic appearance, making it perfect for rooftop installation.



High Efficiency

High module conversion efficiency (up to 17.18%), through innovative manufacturing technology.



Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Low-light Performance

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



Higher Quality Assurance

100% EL test before and after lamination, and finished products EL test, providing higher quality assurance.

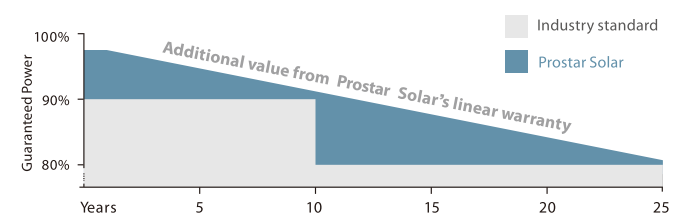


Maximized Energy Harvest

Impedance matching technology eliminates mismatch loses, more power from each module bin.

LINEAR PERFORMANCE WARRANTY

10-Year Product Warranty
25-Year Linear Power Warranty

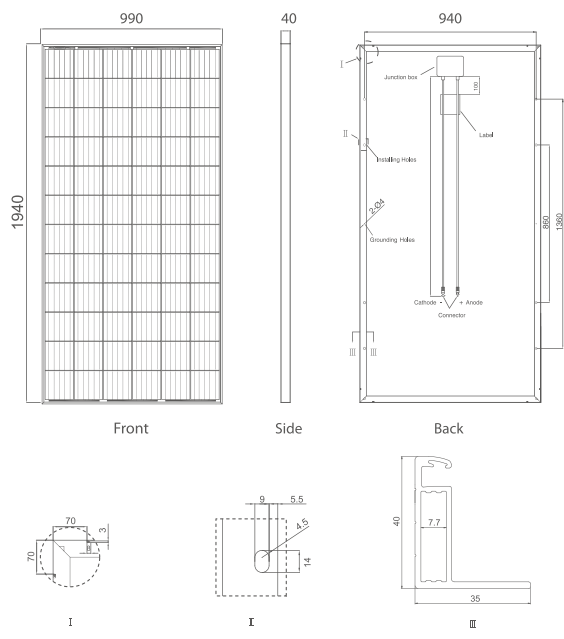


The graph shows 'Guaranteed Power' on the y-axis (80% to 100%) and 'Years' on the x-axis (0 to 25). A grey line represents the 'Industry standard' which drops from 100% at year 0 to 80% at year 25. A blue line represents 'Prostar Solar' which stays at 100% until year 10, then follows a linear decline to 80% at year 25. The area between the two lines is labeled 'Additional value from Prostar Solar's linear warranty'.

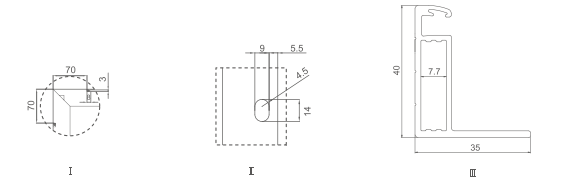
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Polycrystalline Solar Module 多晶硅太阳能组件

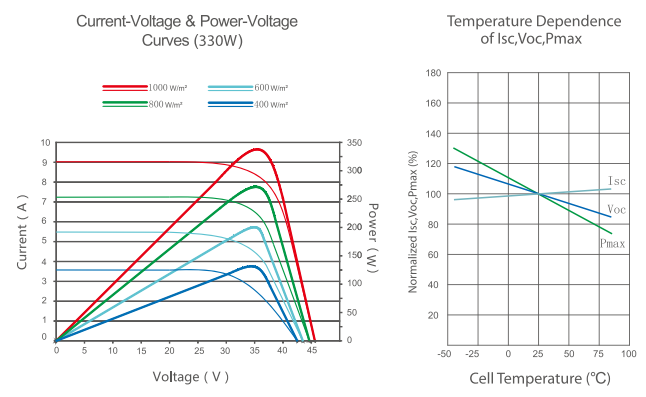
Engineering Drawings 装配图



Front: 990mm width, 1940mm height. Side: 40mm thickness. Back: 940mm width, 1940mm height. Details include Junction box, Label, Mounting holes, Grounding holes, Cathode, and Anode Connector.



Current-Voltage Curves 曲线图



Left graph: Current-Voltage & Power-Voltage Curves (330W). Shows Current (A) and Power (W) vs Voltage (V) for irradiance levels of 1000, 800, 600, and 400 W/m². Right graph: Temperature Dependence of Isc, Voc, Pmax. Shows Normalized Isc, Voc, Pmax (%) vs Cell Temperature (°C) from -50 to 100.

Mechanical Characteristics 机械性能

Cell Type	Polycrystalline 156×156mm
Cell Number	72 (6×12)
Dimensions	1940×990×40mm
Weight	20.5 kg
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	1x4.0mm², Length:900mm

Packaging Configuration 包装标准

(Two boxes=One pallet)
26pcs/ box, 52pcs/pallet, 624 pcs/40'GP Container

Technical Specifications 技术参数

Module Type	PPS315P-72		PPS320P-72		PPS325P-72		PPS330P-72							
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT						
Maximum Power (Pmax)	315Wp	235Wp	320Wp	239Wp	325Wp	243Wp	330Wp	246Wp						
Maximum Power Voltage (Vmp)	37.2V	34.9V	37.4V	35.1V	37.6V	35.4V	38.0V	35.6V						
Maximum Power Current (Imp)	8.47A	6.74A	8.56A	6.81A	8.65A	6.88A	8.69A	6.91A						
Open-circuit Voltage (Voc)	46.2V	43.5V	46.4V	43.7V	46.7V	44.1V	46.9V	44.2V						
Short-circuit Current (Isc)	9.19A	7.39A	9.24A	7.42A	9.36A	7.52A	9.42A	7.56A						
Module Efficiency STC (%)	16.40%		16.66%		16.92%		17.18%							
Operating Temperature(°C)	-40°C~+85°C													
Maximum system voltage	1000VDC (IEC)													
Maximum series fuse rating	15A													
Power tolerance	0~+3%													
Temperature coefficients of Pmax	-0.39%/°C													
Temperature coefficients of Voc	-0.29%/°C													
Temperature coefficients of Isc	0.05%/ °C													
Nominal operating cell temperature (NOCT)	45±2°C													

STC:  Irradiance 1000W/m²  Cell Temperature 25°C  AM=1.5

NOCT:  Irradiance 800W/m²  Ambient Temperature 20°C  AM=1.5  Wind Speed 1m/s

* Power measurement tolerance: ± 3%

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