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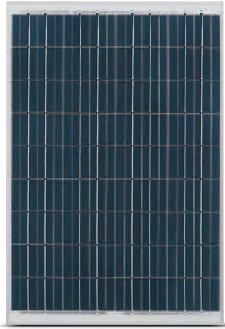
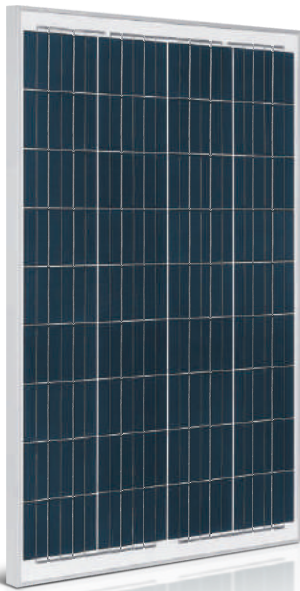
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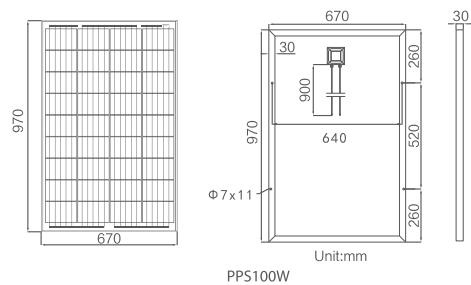
Solar Panel Guide Specification Data Sheet

**Guangdong Prostar New Energy Technology Co.,
Ltd.
PPS80-100W
PPS90W**

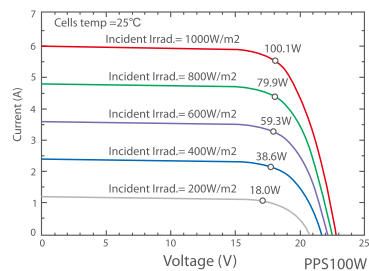
Also available on the web at
EnergyPal.com/guangdong-prostar-new-energy-technology-co-ltd-solar-panels/pps90w



Engineering Drawings 装配图



Current-Voltage Curves 曲线图



Technical Specifications 技术参数

Model	PPS80W		PPS85W		PPS90W		PPS95W		PPS100W	
Electrical Characteristics 电性能										
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	80Wp	60Wp	85Wp	62Wp	90Wp	66Wp	95Wp	70Wp	100Wp	73Wp
Maximum Power Voltage (Vmpp)	18.0V	16.8V	18.0V	16.8V	18.0V	16.8V	18.0V	16.8V	18.0V	16.8V
Maximum Power Current (Impp)	4.44A	3.57A	4.72A	3.71A	5.00A	3.93A	5.28A	4.17A	5.56A	4.36A
Open Circuit Voltage (Voc)	22.5V	21.2V	22.5V	21.2V	22.5V	21.2V	22.5V	21.2V	22.5V	21.2V
Short Circuit Current (Isc)	4.80A	3.88A	5.10A	4.12A	5.40A	4.36A	5.70A	4.60A	6.00A	4.84A
Power Tolerance(Positive)	5%		5%		5%		5%		5%	
Module Efficiency STC	15.71%		15.47%		15.26%		15.25%		15.39%	
Operating Temperature Range	-40°C to +85°C									
Maximum System Voltage	1000V									
Series Fuse Rating	15A									
Temperature Coefficient of Pmax	-0.40%/°C									
Temperature Coefficient of Voc	-0.30%/°C									
Temperature Coefficient of Isc	0.05%/°C									
Nominal Operating Cell Temperature(NOCT)	45±2°C									
Mechanical Characteristics 机械性能										
Cell Type	Polycrystalline 156x156 mm									
Cell Number	36 (4x9)									
Dimensions (mm)	670x760x25	670x820x30		670x880x30		670x930x30		670x970x30		
Weight(Kgs)	5.00	5.80		6.10		6.50		6.80		
Front Glass	3.2 mm, High Transmission, Low Iron, Tempered Glass									
Frame Type	Anodized Aluminium Alloy									
Junction Box Protection Class	IP 67 Rated									
Connector Type	MC4									
Output Cables	2.5 mm ² , Length:900 mm									

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

* Remarks: Products specifications are subject to change without notice.