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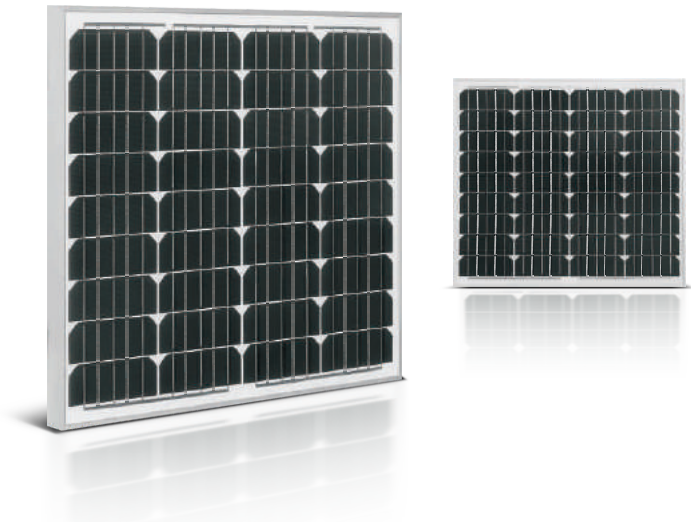
Solar Panel Guide Specification Data Sheet

**Guangdong Prostar New Energy Technology Co.,
Ltd.**

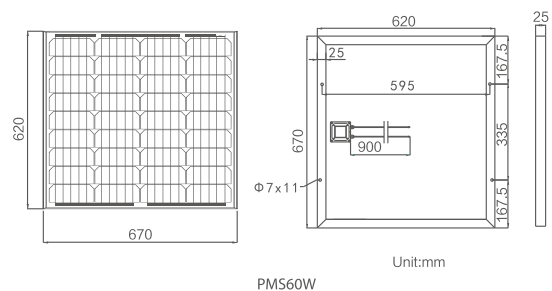
PPS55-80W

PPS55W

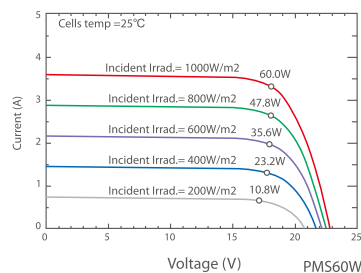
Also available on the web at
EnergyPal.com/guangdong-prostar-new-energy-technology-co-ltd-solar-panels/pps55w



Engineering Drawings 装配图



Current-Voltage Curves 曲线图



Technical Specifications 技术参数

Model	PMS55W		PMS60W		PMS65W		PMS70W		PMS80W		
Electrical Characteristics 电性能											
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Maximum Power (Pmax)	55Wp	41Wp	60Wp	44Wp	65Wp	48Wp	70Wp	52Wp	80Wp	60Wp	
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)	3.06A	2.44A	3.33A	2.63A	3.61A	2.86A	3.89A	3.10A	4.44A	3.57A	
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)	3.30A	2.66A	3.60A	2.92A	3.90A	3.16A	4.20A	3.40A	4.80A	3.88A	
Power Tolerance(Positive)	5%		5%		5%		5%		5%		
Module Efficiency STC	13.68%		15.44%		15.65%		15.60%		16.58%		
Operating Temperature Range	-40°C to +85°C										
Maximum System Voltage	1000V										
Series Fuse Rating					12A				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	Monocrystalline 156x156 mm										
Cell Number	36 (4x9)										
Dimensions (mm)	670x600x25		670x580x25		670x620x25		670x670x25		670x720x30		
Weight(Kgs)	4.00		3.90		4.20		4.50		4.70		
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.