

6-250W

Solarparts@_Rigid Series Solar Panel



Why Choose Solarparts@_Rigid Series Solar Panel?

Solarparts@_Rigid Series Solar Panel is made from SP highest-efficiency solar cells coated with advanced encapsulation material with multi-layered sheet laminations to enhance cell performance and provide long-lasting durability. Solar panels are certified by FCC, RoHS, CE, ISO, IEC to ensure safety, reliability, high quality, energy-saving, and environmental protection. SP cells can resist power loss due to bending and squeezing, not prone to cracking. Anti-reflective, high transparency, low iron tempered glass with enhanced stiffness and impact resistance. Corrosion-resistant aluminum frame allows extended outdoor use.



☆ Features

Industry-Leading Technology

SP high-efficiency solar cells with high module conversion efficiency. Bypass diodes can reduce power drop caused by shade. It also has excellent performance in low light environment.



Durable

Anti-reflective, high transparency, low iron-tempered glass with enhanced stiffness and impact resistance. Sturdy panel can withstand high wind (2400 Pa) and snow loads (5400Pa). Corrosion-resistant aluminum material can withstand the changing outdoor environment and prolong its service life.



Great Adaptability

Compatible with different mounting systems such as Z-brackets, Pole Mounts, and Tilt Mounts. Pre-drilled holes on the back of the panel allow you to quickly install solar panels.



☆ Application

Multi-occasion Application. For Rooftop, compatible with on-grid and off-grid, it can bring you electricity and reduce your home electricity bill.

For RV/Yacht etc., with corrosion-resistant aluminum and waterproof panel, solar panel can work efficiently in a complex environment where the sun shines and the rain falls.



Complete quality management system and product certification

ISO 9001:2015: ISO

ISO 14001: 2015: ISO

RoHS EBO1909058-V150 (EU)2015/ 863

IEC 61215 2nd Edition (2005)

EMC 2004/108/EC BCTC-141212557



Sunpower solar panel with glass

Rated Power	Pmax(W)	6	25	50	100
Model No.	/	PG-SP-GSP5	PG-SP-GSP25	PG-SP-GSP50	PG-SP-GSP100
Cell type	/	Sunpower	Sunpower	Sunpower	Sunpower
Operating Voltage	Vmp(V)	6	17.6	17.6	17.6
Operating Current	Imp(A)	1.0	1.42	2.48	5.68
Open Circuit Voltage	Voc(V)	7.2	21.12	21.12	21.12
Short Circuit Current	Isc(A)	0.46	0.61	1.22	1.53
Performance Tolerance	(%)	±5%	±5%	±5%	±5%
Boundary dimension	mm	300*160*18	540*300*18	545*535*25	1050*540*25



Electrical parameter | STC

Rated Power	Pmax(W)	110	115	120	125
Model No.	/	PG-SP-GSP110	PG-SP-GSP115	PG-SP-GSP120	PG-SP-GSP125
Cell type	/	Sunpower	Sunpower	Sunpower	Sunpower
Operating Voltage	Vmp(V)	19.8	19.8	19.8	19.8
Operating Current	Imp(A)	5.56	5.81	6.06	6.31
Open Circuit Voltage	Voc(V)	23.76	23.76	23.76	23.76
Short Circuit Current	Isc(A)	6.11	6.39	6.66	6.94
Performance Tolerance	(%)	±5%	±5%	±5%	±5%
Boundary dimension	mm	1175*540*25	1175*540*25	1175*540*25	1175*540*25

Electrical parameter | STC

Rated Power	Pmax(W)	150	160	170	180
Model No.	/	PG-SP-GSP150	PG-SP-GSP165	PG-SP-GSP170	PG-SP-GSP180
Cell type	/	Sunpower	Sunpower	Sunpower	Sunpower
Operating Voltage	Vmp(V)	29.7	29.7	30.78	30.78
Operating Current	Imp(A)	5.05	5.39	5.52	5.85
Open Circuit Voltage	Voc(V)	35.64	35.64	36.94	36.94
Short Circuit Current	Isc(A)	5.56	5.93	6.08	6.43
Performance Tolerance	(%)	±5%	±5%	±5%	±5%
Boundary dimension	mm	1175*795*25	1175*795*25	1175*795*25	1175*795*25

Electrical parameter | STC

Rated Power	Pmax(W)	200	210	240	250
Model No.	/	PG-SP-GSP200	PG-SP-GSP210	PG-SP-GSP240	PG-SP-GSP250
Cell type	/	Sunpower	Sunpower	Sunpower	Sunpower
Operating Voltage	Vmp(V)	36.3	36.3	39.6	41.04
Operating Current	Imp(A)	5.51	5.79	6.06	6.09
Open Circuit Voltage	Voc(V)	43.26	43.56	47.52	49.25
Short Circuit Current	Isc(A)	6.06	6.37	6.67	6.7
Performance Tolerance	(%)	±5%	±5%	±5%	±5%
Boundary dimension	mm	1435*795*35	1435*795*35	1560*795*35	1560*795*35

*It's a part of the specifications and models of the solar panels. We can design and provide products according to the customer's demand.

“Mission:

Absorbing Sunshine Focusing Energy

Returning the earth to a clean place ”

SOLARParts®
For Consumable Energies

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