



SunPower® Performance Series | P17

Performance Series panels are designed to deliver consistent performance for many years in commercial applications.

13% More Power

The Performance Series design minimizes white space between solar cells, eliminates reflective metal lines on the cells, and lowers electrical resistance between cells, increasing efficiency compared to Conventional Commercial Panels.¹

Increased Energy

Landscape orientation maintains energy production during morning and evening row-to-row shading (or dirty conditions), generating more energy than conventional panels.²

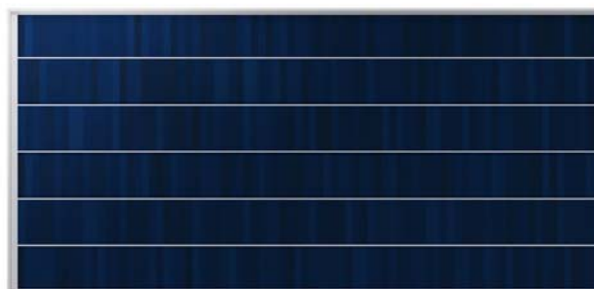
High Reliability

Innovative panel design uses flexible and redundant electrical connections between solar cells to deliver enhanced reliability.

SunPower Quality

Tested to SunPower's rigorous quality standards, and backed by the industry's best combined Power and Product Warranty.

High Performance & Excellent Reliability

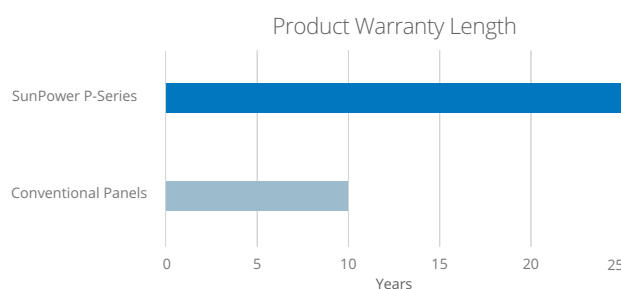


SPR-P17-355-COM

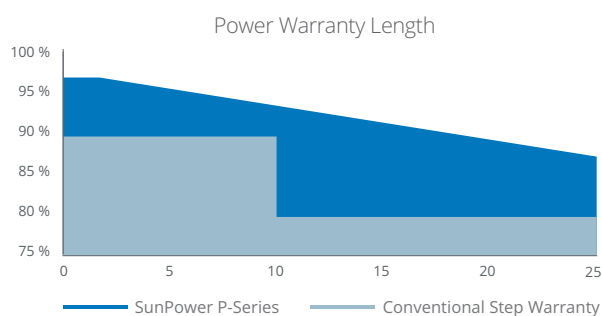


25 Year Combined Warranty

Protect your investment



SunPower provides the best 25 year product and power warranty in the industry, guaranteeing coverage regardless of product defect or power loss.



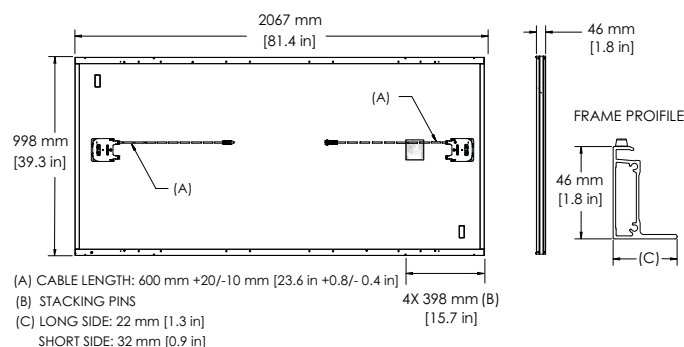
SunPower's Performance Series is warranted to produce more than 97% in the first year, then decline by 0.6% per year, ending at 82.6%.

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Electrical Data, STC ³					
Model	SPR-P17-355-COM	SPR-P17-350-COM	SPR-P17-345-COM	SPR-P17-340-COM	SPR-P17-335-COM
Nominal Power (P _{nom})	355 W	350 W	345 W	340 W	335 W
Power Tolerance	+5/-0%	+5/-0%	+5/-0%	+5/-0%	+5/-0%
Efficiency	17.2%	17.0%	16.7%	16.5%	16.2%
Rated Voltage (V _{mpp})	43.4 V	43.1 V	42.8 V	42.5 V	42.2 V
Rated Current (I _{mpp})	8.18 A	8.12 A	8.06 A	8.00 A	7.94 A
Open-Circuit Voltage (V _{oc})	51.9 V	51.7 V	51.5 V	51.3 V	51.1 V
Short-Circuit Current (I _{sc})	8.68 A	8.65 A	8.57 A	8.52 A	8.51 A
Power Temp. Coef.	-0.42% / °C				
Voltage Temp. Coef.	-176.5 mV / °C	-175.8 mV / °C	-175.1 mV / °C	-174.4 mV / °C	-173.7mV / °C
Current Temp. Coef.	3.6 mA / °C				
Maximum System Voltage	1000 V UL & 1000 V IEC				
Maximum Series Fuse	15 A				

Operating Condition and Mechanical Data	
Temperature	-40° F to +185° F (-40° C to +85° C)
Max. Load	Wind: 50 psf, 2400 Pa front & back Snow: 112 psf, 5400 Pa front
Impact Resistance	1 inch (25 mm) diameter hail at 52 mph (23 m/s)
Appearance	Class B
Solar Cells	Multicrystalline cells
Tempered Glass	High-transmission tempered anti-reflective
Junction Box	IP-65, 23.6 in (600 mm) cables / MC4 compatible
Frame	Class 2 silver anodized; stacking pins
Weight	53.4 lbs. (24.2 kg)

Tests and Certifications	
Standard Tests	UL 1703 (Type 2 Fire Rating), IEC 61215, IEC 61730
Quality Certs	ISO 9001:2008, ISO 14001: 2004
EHS Compliance	OHSAS 18001:2007, PV Cycle
PID Test	Potential-Induced Degradation free: 1000 V
Available listings	UL,CEC, CSA, TUV, FSEC



- 1 Compared to a Conventional Commercial Panel (310 W, 16% efficient, approx. 1.93 m²).
- 2 Conventional panels produce 66% power with more than 10 cm of shade along the bottom edge, while P-Series produces 92%.
- 3 Measured at Standard Test Conditions (STC): irradiance of 1000 W/m², AM 1.5, and cell temperature 25° C. All DC voltage is fully contained within the module.

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Read safety and installation instructions before using this product.

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