

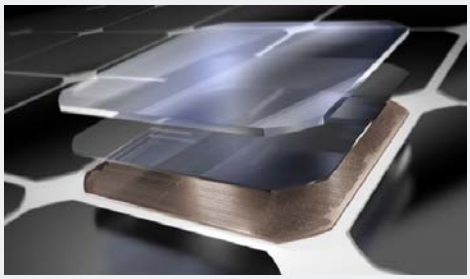
SunPower® Flexible Solar Panels | SPR-E-Flex-110

High Power and Flexible

Made with SunPower's highest power Gen II back contact cells, SunPower's flexible panels deliver the highest power output and the highest charging capacity in their product class. SunPower's panels are constructed with top-grade, light-weight polymer materials, allowing the for easy transport, installation and panel flexing up to 30 degrees.

Designed for Toughness

The SunPower Maxeon® Solar Cell is the only cell built on a solid copper foundation. Flexible panels made with SunPower cells are resistant to power loss via cracking and corrosion, unlike conventional cells, which are much more likely to lose power when bent or subjected to a moist environment. SunPower flexible panels are the #1 choice for customers due of the combination of high power and cell ruggedness.



Maxeon® Solar Cells: Fundamentally better
Engineered for performance, designed for durability.

Easy and Low Cost Installation

The panel can be installed with adhesives and/or use of stainless steel grommets in the panel. The panels have standard quick-connect cables. An easy-to-follow installation guide is provided with each panel.

Typical Electrical Data at STC: 25° C, 1000 W/m² and AM 1.5		
Model	SPR-E-Flex-110	SPR-E-Flex-100
Nominal Power (Pnom)	110 W	100 W
Power Tolerance	+/–3%	+/–3%
Rated Voltage (Vmpp)	18.5 V	17.5 V
Rated Current (Impp)	6.0 A	5.8 A
Open circuit voltage (Voc)	21.7 V	21 V
Short curcuit current (Isc)	6.3 A	6.2 A
Power Temp Coeffiecient	–0.35%/° C	
Voltage Temp Coefficient	–58.9 mV/° C	
Current Temp Coefficient	2.6 mA/° C	
Max. System Voltage	45 V	
Series Fuse Rating	15 A	

Mechanical Data	
Solar Cells	32 Prime monocrystalline SunPower IBC cells
Junction Box	TE 1-21-2152049-1
Weight	4.4 lb (2 kg)
Panel Dimensions	1165 x 569 x 20 mm, with jbox
Connectors	PV4-S
Cables	4 mm², 12 AWG, 450 mm long
Charge Controller	None provided

Please read the safety and installation guide.
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