SUNPOWER

E18 / 225 SOLAR PANEL

EXCEPTIONAL EFFICIENCY AND PERFORMANCE

BENEFITS

Highest Efficiency

SunPowerTM Solar Panels are the most efficient photovoltaic panels on the market today.

Attractive Design

Unique design combines high efficiency and a sleek, black appearance to blend elegantly with the roof.

More Power

Our panels produce more power in the same amount of space—up to 50% more than conventional designs and 100% more than thin film solar panels.

Reliable and Robust Design

Proven materials, tempered front glass, and a sturdy anodized frame allow panel to operate reliably in multiple mounting configurations.



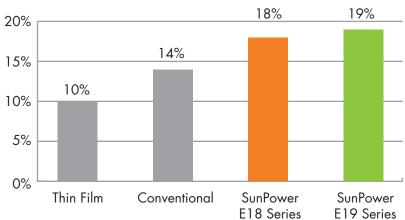
SPR-225E-BLK-D





The SunPower™ 225 signature black™ solar panel provides a revolutionary combination of high efficiency and attractive, sleek appearance. Utilizing 72 back-contact solar cells and a black backsheet, the SunPower 225 blends elegantly with the roof and delivers a total panel conversion efficiency of 18.1%. The panel's reduced voltage-temperature coefficient and exceptional low-light performance attributes provide outstanding energy delivery per peak power watt.







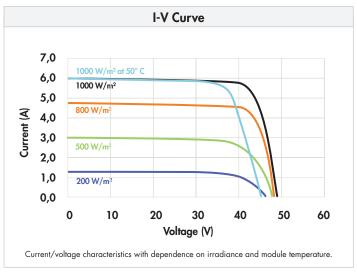
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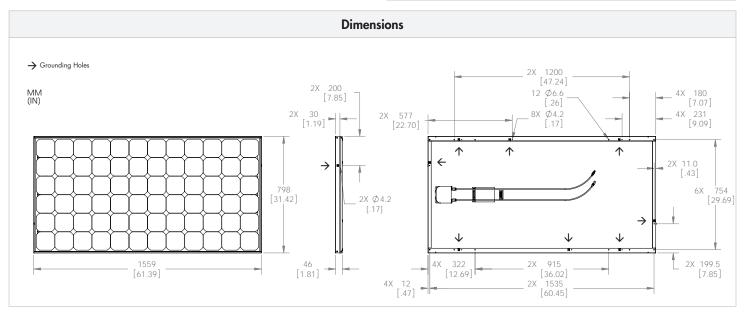
Electrical Data Measured at Standard Test Conditions (STC): irradiance of 1000W/m², AM 1.5, and cell temperature 25° C		
Peak Power (+5/-3%)	P _{max}	225 W
Efficiency	η	18.1 %
Rated Voltage	V _{mpp}	40.5 V
Rated Current	I _{mpp}	5.55 A
Open Cicuit Voltage	V _{oc}	48.0 V
Short Circuit Current	I _{sc}	5.93 A
Maximum System Voltage	UL	600 V
Temperature Coefficients	Power (P)	-0.38% / K
	Voltage (V _{oc})	-132.5mV / K
	Current (I _{SC})	3.5mA / K
NOCT		46° C +/-2° C
Series Fuse Rating		20 A

Mechanical Data		
Solar Cells	72 SunPower all-back contact monocrystalline	
Front Glass	High transmission tempered glass	
Junction Box	IP-65 rated with 3 bypass diodes	
	Dimensions: 32 x 155 x 128 (mm)	
Output Cables	1000mm length cables / MultiContact (MC4) connectors	
Frame	Anodized aluminum alloy type 6063 (black)	
Weight	33.1 lbs. (15.0 kg)	



	Tested Operating Conditions
Temperature	-40° F to +185° F (-40° C to + 85° C)
Max load	113 psf 550kg/m² (5400 Pa) front – e.g. snow; 50 psf 245kg/m² (2400 Pa) front and back – e.g. wind
Impact Resistance	Hail 1 in (25 mm) at 52mph (23 m/s)

Warranties and Certifications		
Warranties	25 year limited power warranty	
	10 year limited product warranty	
Certifications	Tested to UL 1703. Class C Fire Rating	



CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

Visit sunpowercorp.com for details