

SUNLINQ™ Portable Solar Panel - 6.5 Watt

SUNLINQ™ is the only solution for portable solar power for all types of outdoor needs. The SUNLINQ™ 6.5 Watt is ideal for hiking, camping, sporting events, on campus and at the beach.

Incorporating solid state, thin-film, PowerFLEX™ solar cells, the SUNLINQ™ 6.5 Watt provides an excellent choice for excursions that require lightweight, flexible, durable portable power.

Product Specifications (SP-6.5)

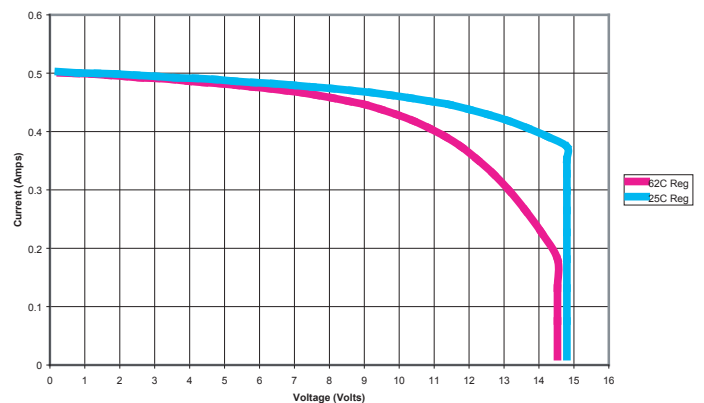
Electrical Characteristics*	
SP Product Number	SP-5
Typical Current (milliamps) at STC* (at 11V)	433
Nominal Operating Voltage	12V CLA **
Typical Power (Watts) at STC*	5.5
Maximum Limit for Open Circuit Voltage	15.6V
Maximum Power (Watts)	6.5
Thermal Characteristics	
Power (%/C)	-0.6
Voltage (%/C)	-0.6
Cell Temperature Operating Range	-40° F to 176° F / -40° C to 80° C
Dimensions and Weight	
Folded	
Length, in (mm)	9 (229)
Width, in (mm)	5 (127)
Thickness, in (mm)	.5 (12.7)
Deployed	
Length, in (mm)	29.5 (749.3)
Width, in (mm)	9 (229)
Thickness, in (mm)	0.03 (.762)
Weight	
Weight, lb (kg)	.45 (0.20)
Max Power to weight ratio watt/lb (watt/kg)	14.4 (32.5)

*Data at Standard Test Conditions (STC)

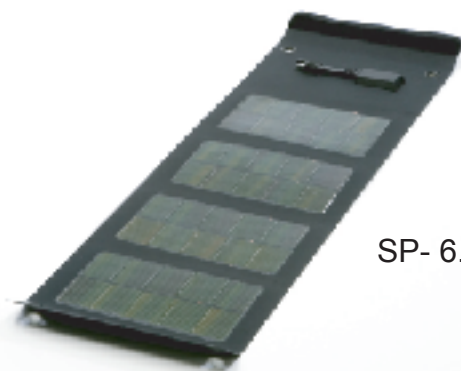
STC: irradiance level 1000W / m², spectrum AM 1.5 and cell temperature 25° C

**Cigarette Lighter Adapters (CLAs) typically operate best between 11V and 14.5V

TYPICAL VOLTAGE VS. CURRENT PLOT
for SP5 Module at 25C and 62C



The I/V graph above shows the typical performance of the solar module at STC



SP- 6.5 Watt



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