

# PowerFilm SA®

## LightSaver Portable Solar Charger

We took our 30 years of experience designing solar solutions for businesses and the US Military and built a product designed for consumers.

Solar chargers on the market are bulky and lack energy storage. The LightSaver's high performance electronics, dependability and compact design put it in a class all by itself.

The LightSaver features a state-of-the-art roll out thin film solar panel to keep your devices powered on the go. Thin film solar helps make the LightSaver lighter and more portable than any other solar charger on the market.

Industrial grade fabric will stand up to the elements and the incredibly durable solar panel make the LightSaver insanely reliable and ridiculously dependable.

The LightSaver can be mounted and charged on the go. Weighing in at a mere 4.9 ounces it's perfect for a weekend hike, month long trek, or being stowed in a backpack for emergencies.

### Tips For Best Use:

- Angle the solar panel toward the sun for best results.
- Always store in a cool dry environment.
- Routinely clean the solar panel to ensure best performance.

### LightSaver Charging Capabilities:

The LightSaver is perfect for charging cell phones, GoPros, GPS devices and other small USB enabled products.



### Benefits Include:

- Compact, lightweight, durable.
- Easy to deploy and easy to store.
- Provides some power even in hazy and shaded environments.
- Light sensitive technology turns on early in the day and stays on later in the day.
- Designed, engineered and manufactured in the United States.

### Certifications:

- CE
- RoHS
- Berry Amendment Compliance

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## LightSaver Portable Solar Charger

### Electrical Characteristics

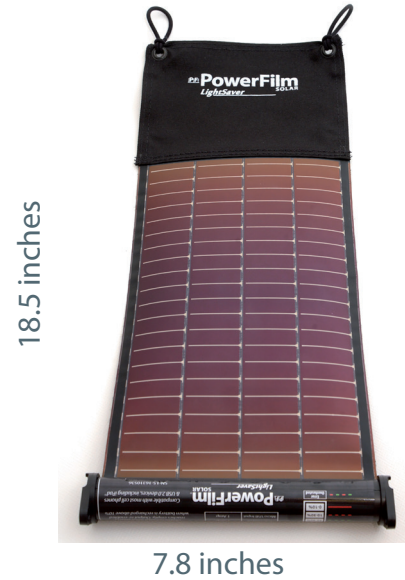
Battery	3,200mAh (Lithium ion)
Solar Charge	6-8 hours full sun
Wall Charge	3 hours
Inputs	Solar / USB
Outputs	USB (5V/1A)

### Physical Characteristics

Part Number	LS-1
Rolled Dimensions	7.8 x 1.5 inches 198.1 x 38.1 mm
Unrolled Dimensions	18.5 x 7.8 inches 469.9 x 198.1 mm
Weight	4.9 ounces 138.9 grams

### Thermal Characteristics

Temperature Coefficient for Power	- 0.200 (%/C)
Temperature Coefficient for Voltage	- 0.240 (%/C)
Temperature Coefficient for Voc	- 0.300 (%/C)
Temperature Coefficient for Isc	0.109 (%/C)



**Standard Colors:**  
Stealth Black

**Custom Colors:**  
Available Upon Request