

PowerFilm SA®

LightSaver Max Portable Solar Charger

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

The LightSaver Max features a state-of-the-art roll out thin film solar panel and integrated 18,000mAh battery to keep your devices powered wherever you are. Thin film solar helps make the LightSaver Max lighter and more portable than any other solar charger in its class.

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

The LightSaver Max's 12V input and output mean charging up faster, charging a wider range of devices and getting your work done more efficiently.

The LightSaver Max can be mounted and charged on the go. Weighing in at a mere 1.5 lbs it's perfect for an extended trek, filming in a remote location or keeping vital equipment charged while on the job.

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 panels to ensure best performance.

LightSaver Charging Capabilities:

The LightSaver is perfect for charging cell phones, tablets, small laptops, GoPros, GPS devices and other small USB/12V 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.
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Certifications:

- CE
- RoHS
- Berry Amendment Compliance

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Electrical Characteristics

Battery	18,000mAh (Lithium-ion)
Solar Charge	6-8 hours
Wall Charge	3-4 hrs (12V) 6-7 hrs (USB-C) 8-10 (USB)
Inputs	Solar / USB-C / 12V
Outputs	Dual USB (2.5A) / 12V (5A peak)

Physical Characteristics

Part Number	LSM-1
Rolled Dimensions	13.5 x 2.5 inches 342.9 x 63.5 mm
Unrolled Dimensions	34.5 x 13.5 inches 876.3 x 342.9 mm
Weight	1.5 lbs 0.7 kg

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)



34.5 inches

13.5 inches

Standard Colors:
Stealth Black

Custom Colors:
Available Upon Request