



LIONENERGY™

# *SOLAR* **GENERATORS**



# Bluetooth Compatible

Download our app, and monitor your Lion Energy Bluetooth-enabled solar generator in real time using your mobile device.

- ▶ Monitor State of Charge and Capacity.
- ▶ See incoming and outgoing energy
- ▶ See active in use “time to go” and recharge time
- ▶ Safari – Turn On and Off Remotely

Search for Lion Energy Smart in your app store or scan the QR Code to download now!



## SOLAR GENERATORS

RENEWABLE POWER FOR THESE, AND MUCH MORE	Smart phones	Laptop	C-PAP	LED Lamp	LCD TV	Mini Fridge	Wall Charge	Solar Charge
<b>SAFARI + XP</b>	297 x	51 x	74 hrs	742 hrs	40 hrs	82 hrs	6.7 hrs	6.7 hrs
<b>SAFARI</b>	141 x	31 x	28 hrs	354 hrs	18 hrs	44 hrs	2.5 hrs	2.5 hrs
<b>SUMMIT</b>	58 x	11 x	15 hrs	97 hrs	9 hrs	16 hrs	4-5 hrs	4-6 hrs

Lion Energy Solar Generators are easily the safest, most useful, and portable power stations on the market. Combined with solar panels, LED lights and expansion packs, the Lion Summit™ and the Safari™ + XP give you clean, renewable power for any situation.

With Lion Energy Solar Generators, you get cutting edge features that provide the comforts of home—anywhere, and also personal safety and protection against emergencies that can occur when you least expect them.



# Lion Safari™ + XP

## 3,000W/1612Wh Portable Power Station

### Safari™

#### Faster Charge Time

Can fully charge from the wall in as little as 2.3 hours

#### Renewable

Use the sun to recharge in as little as 2.7 hours



30 Amp Output Built in

Power Virtually Anything that Plugs Into a Standard AC outlet

The Lion Safari™ powers virtually anything you can plug into a standard wall outlet (up to 25A). Combined with our 24V 100W solar panels, Safari™ can stay powered up indefinitely wherever you are.



### Lion Safari™



SKU .....	50170171
Battery Type .....	LiFePO4 (Lithium Iron Phosphate)
Life Cycles .....	3,500+ at 100% DOD
Battery Capacity .....	1,612Wh
Charge Input:	
Solar. . . . .	24 to 60VDC, 25A / 600W Max / MPPT (up to 6x100W Solar Panels)
AC .....	built-in 800W AC charger
DC Output .....	12VDC / 15A regulated, USB-A, USB-C
Output Continuous / Surge .....	3,000W / 6,000W Pure Sine Wave
Shelf Life / Charge Retention .....	Up to 1 Year
Weight / Dimensions .....	57.3 lbs / 20" x 13.3" x 13.3"
Bluetooth Enabled .....	Yes
Remote Operation .....	Yes, via Bluetooth App from a max of 30' range
Warranty .....	5 Years

### Expand Safari's Capacity by 3x

Sold separately, the Safari Expansion Pack (XP) expands Safari's capacity by 3x.

Must be used with Safari.



### Lion Safari™ XP

SKU .....	50170147
Battery Type .....	LiFePO4 (Lithium Iron Phosphate)
Life Cycles .....	3,500+ at 100% DOD
Battery Capacity .....	2,688Wh
Min. Charge Time .....	4.5 hrs with main Safari™ unit
Shelf Life / Charge Retention .....	Up to 2 Years
Weight / Dimensions .....	50.7 lbs / 16.9" x 10.2" x 9.8"
Warranty .....	5 Years

## Safari™-XP

### More Stored Energy

3X the stored energy when you connect the XP to the Safari

### Easy to Connect

Just plug it into the back of the Safari

**Safari™ + XP  
Combined  
Capacity of  
4.3kWh**

**Lion 100™ 24V  
Solar Panel**

## Lion Summit™ 530W/665Wh Portable Power Station

Tools / Phone / Mini Fridge / Medical Devices

The Lion Summit is silent and powerful, which allows for an undisturbed work, or play environment, and a quiet night's sleep. Fully charge from the wall in 4-5 hrs, or use solar panel(s) to charge in about 7 hrs.



**Lion Summit™**



2X AC



2X USB-A



2X USB-C



12V

SKU .....	50170208
Battery Type .....	LiFePO4 (Lithium Iron Phosphate)
Life Cycles .....	3,500+ at 100% DOD
Battery Capacity .....	665Wh
Charge Input:	
Solar .....	13 to 22VDC, 10A / 150W Max (up to 2x100W Solar Panels)
DC .....	12V Accessory Port
Wall .....	100 to 240V Power Supply
DC Output .....	12VDC / 10A socket, 2xUSB-A, 2xUSB-C
AC Output .....	530W Pure Sine Wave
Shelf Life / Charge Retention .....	Up to 1 Year
Weight / Dimensions .....	18 lbs / 13.3" x 7.3" x 8.5"
<a href="#">Bluetooth Enabled</a> .....	<a href="#">Yes</a>
Warranty .....	5 Years

## Lion Summit

### Extended Use

Long lasting daily use at 3,500+ cycles using 100% DOD

### Easy to Transport

At 18 lbs, it's lightweight and easy to carry



# Lion 100™ 12V & 24V LW Solar Panel

The Lion Portable 100-Watt 12V and 24V solar panels create clean, limitless, renewable energy to power your adventures. When combined with the available 25' extension lead, they will charge your Summit (12V) and Safari (24V) Solar Generators. Connect them in multiples for faster recharge time through a clean, dependable and renewable source - the sun!

- ▶ Portable and Convenient
- ▶ Easy to Use, Transport and Stow Away
- ▶ Powerful and Durable
- ▶ Expandable (use multiple panels)

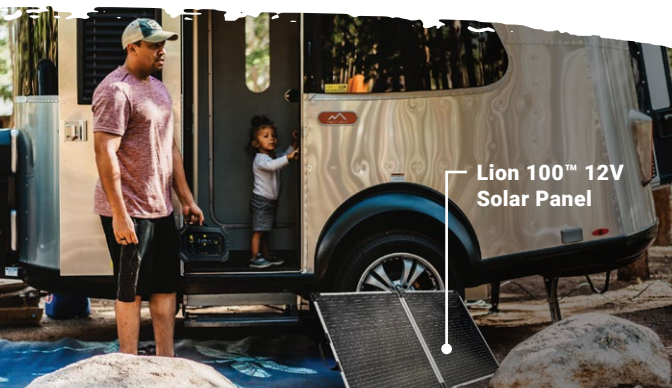


Use 100W 24V with  
the Lion Safari™



Use 100W 12V with  
the Lion Summit™

SKU .....	50170261 (12V)	.....	50170263 (24V)
Panel Type .....	Monocrystalline, self-healing, anti-reflective	.....	Monocrystalline, self-healing, anti-reflective
Construction .....	Double walled aluminum	....	Double walled aluminum
Lifespan .....	20+ Years	.....	20+ Years
Capacity .....	100W / 18V @ 5.56A	.....	100W / 36V @2.78A
Max Volt Output .....	18V	.....	36V
Expandable .....	Up to 2 panels w/Summit	.....	Up to 6 panels w/Safari
Weight .....	9 lbs. / 12 lbs. w/case	.....	9 lbs. / 12 lbs. w/case
Dimensions:			
Open .....	23.25" x 40.5" x .75"	.....	23.25" x 40.5" x .75"
Folded .....	.21" x 23.25" x 1.5"	.....	.21" x 23.25" x 1.5"
Warranty .....	5 Years	.....	5 Years



Lion 100™ 12V  
Solar Panel



# ACCESSORIES & ESSENTIALS

## Lion 50™ Solar Panel

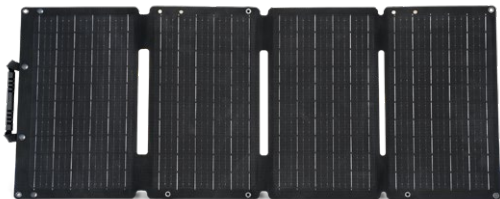
Used to Power Your Small USB Devices



Use with the Lion Summit™

This small, 50W folding solar panel can charge the Lion Summit™ power unit and smaller USB devices directly. At only 3 pounds, it's ready to grab and go.

SKU ..... 50170172  
Panel Type ..... Monocrystalline  
Lifespan ..... 20 Years  
Output ..... 50W / 18V / 2.7A  
Weight ..... 3 lbs.  
Dimensions:  
Open ..... 34.25" x 13.89" x 0.15"  
Folded ..... 8.74" x 13.89" x 1.33"



## Mil-Spec EMP Bag

Tested and Certified by the US Military

Protect your generators & small electronic devices from electromagnetic pulse.



SKU ..... 50170164  
Protection ..... EMP, HEMP  
Level ..... and other transient EMI's  
MIL-SPEC  
Standard ..... MIL-SPEC-461G R5-10  
Interior  
Dimensions ..... 15" x 19.5" x 26"  
Warranty ..... 5 Years



## 3 LED-Light Bulb String

Tent / Shed / Camping

Use for emergencies or off-grid activities when you need light or to create a nice ambiance! USB cord stretches 15 ft., with individual on/off switches and a single USB-A Connection



SKU ..... 50170084  
 Watts ..... 2W per light bulb  
 Weight ..... 2 lbs  
 Box Dimensions ..... 11" x 9" x 3"  
 Warranty ..... 5 Years



## 25' Solar Extension Cable

Connect Solar Panels to Solar Generator

This simple, sturdy and highly functional extension cable allows you to position your solar panels up to 25' away in the full sun while you enjoy the comfort of your protected and shady surroundings



SKU ..... 50170031  
 Power Capacity ..... 12V / 25A  
 Cable Length ..... 25'  
 Connector .... Anderson™ PowerPole  
 design  
 Warranty ..... 5 Years

# YOUR LIFE YOUR POWER YOUR WAY



For additional specialty kits and more product information, visit our website

[LIONENERGY.COM](http://LIONENERGY.COM)

