



LION ENERGY™

Safe. Silent. Renewable. Power.



ENERGY INDEPENDENCE



**PRODUCTS THAT ARE
GOOD FOR PEOPLE
AND FOR OUR PLANET.**

PERIOD.



Lion Energy's entire focus is on safe, silent, renewable power that gives you energy independence. Whatever your needs are, we've got you covered.

Our mission is to provide products that are safe, silent, and renewable so you can use them wherever and whenever you want. We make products that are good for people and good for our planet. Period.

We are driven by this passion. Lion Energy products are designed for everyday use – around the house, at work, on the go, or during emergencies.

Our products are high-quality, lithium battery based solutions for everyday living. They range from small portable power banks and silent solar generators to RV batteries for auxiliary power and residential energy storage. We help you become energy independent with power to live life on your terms.

LITHIUM BATTERIES

The Safari UT™ line is the latest in Lithium battery technology. It replaces traditional deep cycle lead acid batteries with the safest and longest lasting Lithium Iron Phosphate batteries. It is a drop in or “plug and play” replacement – simply remove the battery from your RV or boat and replace it with this superior performing battery.

It is used for auxiliary power in RVs, trailers, motorhomes, vans, boats, cabins, sheds, gazebos, dump trailers, and places where you need a reliable source of stored energy. It provides twice the energy of lead acid because all of its energy (amp hours) can be used instead of only ~50% like lead acid batteries provide. The Safari UT 1300™ can also store renewable energy from the sun.



Safari UT™ 1300 BT



This Lithium Iron Phosphate battery replaces lead acid and AGM batteries for energy storage and for auxiliary power. Enjoy all these great benefits:

Maintenance Free - Retains charge up to 2 years

Fast Charge Time - 15% faster with smart Battery Management System (BMS)

Longer Run Time - Camp 2x longer, lift and dump 4x more on single charge

Easy To Use - Just plug and play (use a lithium charger for optimal charging)

RV / Trailer / Motorhome / Marine / Outbuilding

MSRP / SKU	\$999 / 50170171
Battery Type	Lithium Iron Phosphate
Life Cycles	3,500+ at 100% DOD
Rated Capacity	12.8V / 105 Ah / 150A
Charge / Operate Temperature	32° to 113° / -4° to 131°
Series / Parallel	12V to 48V / 105Ah, 210Ah, 315Ah+
Weight / Dimensions	23 lbs / 10.2" x 6.6" x 8.8"
Warranty	*Limited Lifetime

*Lifetime warranty is not time limited but is based on at least 3,500 life cycles at a 100% Depth Of Discharge (DOD) or 80% cell capacity. See website for more details.

PORTABLE POWER UNITS

Power your tailgating party or keep the lights on through the storm. Our portable power units are strong enough to weather the worst of mother nature and light enough to take with you anywhere.

Lion Energy has the latest in Lithium battery technology for professional portable power needs. Our products range from home energy storage systems to solar generators to small hand-held power banks, all Lithium Battery based. They are safe, silent, and renewable so you can use them during emergencies, around the house, or wherever your adventures take you.





Lion Prowler™

Tablets / USB Devices / Phones

The Lion Prowler is a portable power unit that provides wireless charging for many smart cell phones, USB devices, and has a flashlight and a lamp.

- Easy to Use** - Plug in any USB device that needs power
- Convenient** - Easy to transport, light-weight and fits in your back pocket, backpack, carry bag or clipped on
- Durable** - Rugged design and comfortable in hand
- Travel Friendly** - Approved for travel on airplanes

MSRP / SKU	\$69 / 50180001
Battery Type	Lithium Polymer
Life Cycles	300+
Battery Capacity	20,000mAh / 74Wh
Charge Time (Wall)	~8 Hours
USB Output	2 USB-A 5V @ 3A / 1 USB-C 5V @ 3A
Weight / Dimensions	1.2 lbs / 6.8" x 3.7" x 1"
Warranty	1 Year

Lion Eclipse™



The Lion Eclipse is a powerful 3-in-1 wireless and USB charger. No need for multiple cords or chargers for all your devices. Just use the small yet powerful Eclipse. Approved for travel on airplanes.

3-in-1 + Charging + USB - Wirelessly charge your smart phone, earbuds, watch plus USB devices

Cut the Cord - Eliminate the clutter of multiple chargers and cords

Grab and Go - Small enough to fit into your travel bag, purse or briefcase, yet powerful enough to charge multiple devices

Fast Charging - Lightning quick recharge in just 90 mins

Smart Phones, Earbuds, Watches / USB Devices

MSRP / SKU	\$229 / 50180002
Battery Type	Lithium-ion
Life Cycles	1,000+
Rated Capacity	27,000mAh / 99.9Wh
Charge Time (Wall)	1.5+ hours
Output	Wireless 10W (phone), 5W (earbuds), 2W (watch) 2 USB-A and 1 USB-C 5V @ 3A Each
Weight / Dimensions	2 lbs / 8.5" x 3.5" x 1.3"
Warranty	1 Year



**CHARGES IN AS
LITTLE AS *90 MINS.***



Lion Trek™



The Lion Trek is the smallest portable power generator to have an AC outlet and up to 150W of output. Plug in anything from laptops and lamps to cameras and blenders. Keep projects going with the power you need. The Lion Trek has the most portable power you can take with you on a plane.

Powers Many Devices - Power devices up to 150W using AC, USB or USB-C

Maintenance Free - Retains charge for up to 1 year

Weighs Less - Only 2.7 lbs

Renewable - Can be recharged with solar or AC wall outlet

Green Safe - No emissions, no carbon footprint during use

POWER

FOR WORK & PLAY



Tools / Camera / Phone / Drone / Laptop

MSRP / SKU	\$229 / 50170179
Battery Type	LifePO4
Life Cycles	2,000+
Rated Capacity / Inverter	150W / 99.9Wh
Charge Time AC / Solar	~2 Hours / 3.5 Hours
Shelf Life / Charge Retention	Up to 1 Year
Weight / Dimensions (L x W x H)	2.7 lbs / 5.5" x 1.6" x 8.5"
Warranty	1 Year

Lion Summit™



Tools / Phone / Mini Fridge / Medical Devices

Unlike gas generators, the Lion Summit is silent which enables you to sleep through the night, at camp, or allowing for an undisturbed work or play environment. No need for long extension cords to keep you from hearing a noisy, fuel-powered, smelly generator.

Faster Charge Time - Can fully charge from the wall in as little as 4-5 hrs

Renewable - Can solar charge in up to 7 hrs using solar panel(s)

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

Multiple Outputs - Plug in many devices using 2 AC, 4 USB, or 12V

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



MSRP / SKU	\$699 / 50170208
Battery Type	LiFePO4
Life Cycles	3,500+ at 100% DOD
Rated Capacity	530W / 665Wh
Input	Solar, 12V Cig, Wall
Output	2 AC, 4 USB, 12V
Shelf Life / Charge Retention	Up to 1 Year
Weight / Dimensions (L x W x H)	18 lbs / 13.3" x 7.3" x 8.5"
Warranty	1 Year

Safari ME

Faster Charge Time

- Can fully charge from the wall in as little as 83 minutes

Renewable

- Use the sun to recharge in as little as 95 minutes



Lion Safari ME™

The Safari ME is a powerful solar generator that powers virtually anything you can plug into a standard wall outlet (15A) – many power tools, refrigerators, freezers, air compressors, TVs, medical devices, blenders, and so much more!

Power virtually anything you can plug into a standard AC outlet

MSRP / SKU	\$2,349 / 50170125
Battery Type	Lithium Iron Phosphate
Life Cycles	2,500+
Rated Capacity	922Wh
Shelf Life / Charge Retention	Up to 1 Year
Output Continuous / Surge	2,000W / 4,000W Pure Sine Wave
Weight / Dimensions	45.5 lbs / 18.7" x 12.8" x 12.8"
Warranty	1 Year



Safari ME-XP

More Stored Energy

3X the stored energy when you connect the ME-XP expansion pack to the Safari ME

Easy to Connect - Just plug it into the back of the Safari ME

Lion Safari ME-XP™



Sold separately, the Safari ME Expansion Pack (XP) gives you 3X the energy storage capacity than the Safari ME™ alone.

**Must be used with the Safari ME™ to have power*



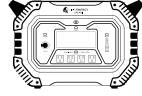

Have more stored energy

MSRP / SKU	\$1,749 / 50170142
Battery Type	Lithium Iron Phosphate
Life Cycles	3,500+
Rated Capacity	2048Wh
Shelf Life / Charge Retention	Up to 2 Years
Min. Charge Time	4.5 hrs with main ME™ unit
Weight / Dimensions	44 lbs / 16.7" x 9.6" x 9.8"
Warranty	1 Year

WHICH POWER DEVICE IS RIGHT FOR *YOU?*

Device	Watts		
		Prowler	Eclipse
LED Lamp	4W	18.5 Hrs	24.8 Hrs
Earpods	5W	37X	45X
Watch	14W	60X	78X
Phone	5W	6X	10X
Tablet	30W	2X	3X
Laptop	56W	1.5 Hrs	2 Hrs
DSLR Camera	10W	7 Hrs	9.4 Hrs
Drone	40W	1.9 Hrs	2.5 Hrs
Gaming Units	25W	3 Hrs	4 Hrs
Mini Fridge	36W	—	—
55" LED TV	75W	—	—
CPAP	50W	—	—



			
Trek	Summit	Safari ME	Safari ME + XP
21 Hrs	146 Hrs	202 Hrs	653 Hrs
45X	116X	162X	261X
78X	41X	57X	164X
10X	116X	162X	261X
3X	19X	27X	261X
2X	11X	14X	51X
8 Hrs	58 Hrs	81 hrs	261 Hrs
2 Hrs	14 Hrs	20 Hrs	65 Hrs
4 Hrs	23 Hrs	32 Hrs	104 Hrs
2 Hrs	16 Hrs	22 Hrs	72 Hrs
—	9 Hrs	10 Hrs	34 Hrs
1.7 Hrs	15 Hrs	20 Hrs	65 Hrs

*Actual run times may vary.

SOLAR PANELS

Our solar panels let you harness the power of the sun. Use them to charge your devices, tools, lights, in your shed, cabin, gazebo, campsite, or outdoor adventures.

Going off-grid doesn't mean you can't have power! Our ultra-efficient rugged solar panels give you power anywhere. With an easy to use plug and play setup, our solar panels are ready to go anywhere, anytime.





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Lion 50™ Solar Panel



Use with the *Lion Trek™*, *Lion Eclipse™*, *Lion Summit™*

This small, portable solar panel can charge the Lion Summit™ power unit and smaller USB devices directly. At only 3 pounds, it's easy to grab-and-go. Use it outside anywhere the sun is shining directly.

Safe - Produces zero emissions, no carbon footprint during use

Portable - Lightweight and easy to carry

Direct USB Charge - Charges the Lion Summit and USB devices directly

Powerful - Provides up to 50W output for recharging

Used to Power Your Small USB Devices

MSRP / SKU	\$229 / 50170172
Panel Type	Monocrystalline
Life Cycles	20 Years
Rated Capacity	50W
Max Barrel Output	18V @ 2.7A
Weight / Folded Dimensions	3 lbs / 11.3" x 11.3" x 1.6"
Warranty	1 Year



Lion 100™ 24V Solar Panel

Use with the Safari ME™

This powerful portable 24V solar panel can harness the power of the sun to charge the Safari ME in as little as 90 minutes when multiple panels are combined together.

Safe - Produces zero emissions, no carbon footprint during use

Durable - Anti-corrosive, double walled aluminum construction

100 Watts - Each panel is a high-efficient 100W

Expandable - Link up to 6 panels together

Portable - Easy carrying handles and neoprene carrying case

Used to Power the Safari ME

MSRP / SKU	\$299 / 50170163
Panel Type	Monocrystalline
Life Cycles	20 Years
Rated Capacity	100W / 36V @ 2.78A
Max Volt Output	36V
Expandable	Can link up to 6 panels
Weight / Dimensions	22 lbs / 26.5" x 40" x 1" (Unfolded)
Warranty	1 Years

Lion 100™ 12V Solar Panel



The Lion 100 watt solar panel is part of our pride of products that creates clean, limitless, renewable energy sources to power your life. It's designed to recharge other power units, like the Lion Summit, through a clean and renewable source - the sun.

Easy to Use - Point towards the sun and plug into the Summit power unit

Durable - Anti-corrosive, double walled aluminum construction

Powerful - Provides up to 100W output for charging

Expandable - Can link multiple panels together for faster charging

Easy to Transport - Convenient carrying handles and neoprene carrying case

Lion Summit / Home / Shed / Gazebo / Trailer

MSRP / SKU	\$299 / 50170061
Panel Type	Monocrystalline
Life Cycles	20 Years
Rated Capacity	100W / 18V @ 5.56A
Max Volt Output	18V
Expandable	Can link up to 4 panels
Weight / Dimensions	22 lbs / 26.5" x 40" x 1" (Unfolded)
Warranty	1 Years



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SAVANNA SERIES

Home / Shed / Gazebo / RV / Trailer

Control the power to and from your Lithium batteries with a full array of products designed to make solar and battery power accessible, manageable, and usable.

Savanna CC™ Solar Charge Controller



Regulate the flow of energy from solar panels to a connected battery. With easy input and output connections, the Savanna CC gives you a perfect solution to manage solar-to-storage energy collection.

MSRP / SKU	\$99 / 50170175
Charge Controller Type	MPPT
Rated Charge Current	30A
Nominal System Voltage	12V
Average Efficiency	95%
Max Solar Input	460W
Weight / Dimensions	0.86lbs / 6.5" x 3.5" x 1.8"
Warranty	1 Year



Savanna IV™ 2,000W Power Inverter

Rated at 2,000 watts, this professional-grade, pure sine wave inverter takes DC power (the power that comes from batteries or solar panels) and converts it into AC power.

MSRP / SKU	\$399 / 50170181
Output Continuous / Peak	2,000W / 2,500W
Input	11.5V - 14.8V
Output	110V - 130V
Nominal Efficiency	88%
Weight	8.5lbs
Dimensions	13.8" x 7.8" x 3.4"
Warranty	1 Year



Savanna BC™ Battery Charger

Built to charge Lithium batteries quickly, the Savanna BC will charge at a rate of 45 amps. This will charge a Lion Energy UT 1300 105Ah battery in 2.4 hours.

MSRP / SKU	\$199 / 50170178
Input Voltage Range	100VAC ~ 240VAC
Output Voltage / Amps	14.6V / 45A
Input Amps	6A
Max Continuous Output	650W
Weight / Dimensions	4lbs / 10.1" x 7.1" x 3.8"
Warranty	1 Year

Lion SPK™

Solar Power Kit



The Solar Power Kit (SPK) is the perfect kit to start your solar setup. It comes with all the necessary cables and is easy to connect. Just add a battery and you're ready to go! We recommend one of our Lion Safari UT Lithium batteries. It's a convenient way to power your shed, cabin, campsite, gazebo, or almost anything else that needs power!

Take the SPK wherever you need to with the convenient carrying handles on the solar panel and the light weight charge controller and 400W inverter. You can also mount the kit to the roof for more permanent power.

Outbuildings / Adventures

MSRP / SKU	\$399 / 50170139
Panel Type	Monocrystalline
Life Cycles	20 Years
Rated Capacity	100W
Max Power Output	18V @ 5.6A
Inverter Rating	400W
Charge Controller	12V / 30A / MPPT
Extension Cable	25' Anderson™ Compatible
Weight / Dimensions	22 lbs / 26.5" x 40" x 1" (Unfolded)
Warranty	1 Year

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What's Included:



Lion 100™ Solar Panel

A durable, portable, and easy-to-connect 100W solar panel that lasts up to 20 years. It is easy to connect multiple panels together.



Savannah IV™

The Savannah IV is a 400W power inverter with 2 AC and 4 USB outputs. It connects easily to an energy storage device or battery and has an output voltage of 110VAC+/-5% / 60Hz (US).



Savannah CC™

The Savannah CC is a solar charge controller to regulate the flow of power between the solar panel and the energy storage device or battery. It is a 18V / 30A / MPPT charge controller.



25' Solar Extension Cable

The Anderson™ compatible connection extension cable makes it easy to connect the solar panel to the Savanna CC™ so you can keep the panel in the sun and the charge controller in the shade next to your battery.

ACCESSORIES

We have the best accessories for your portable power units and solar products!

For additional products, kits and accessories, visit our website at www.lionenergy.com



25' Solar Extension Cable

Connect Solar Panels to Solar Generator

This extension cable will allow you to position your solar panels in the sun and your power unit in the shade or wherever you need without worrying about your cord being long enough. Compatible with Anderson™ connections.



MSRP / SKU	\$39 / 50170031
Capabilities	12V / 25A
Cable Length	25'
Warranty	1 Year

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! Each USB cord has 15 ft. with an individual on/off switch.

MSRP / SKU	\$39 / 50170084
Watts	2W per light bulb
Weight / Box Dimensions	2 lbs / 11" x 9" x 3"
Warranty	1 Year



Battery Warmer



Lithium battery heating system allows you to use your Lithium batteries on those cold weather campouts. Uses only 1/2 amp draw!

Keep Batteries Running in Cold Temps

MSRP / SKU	\$199 / 50170211
Voltage	12VDC
Output Voltage	14.6VDC
Power Watts / Amps	7.5W / .55A
Auto On / Off	42°F / 68°F
Warranty	1 Year

Tested and certified by the US Military

Mil-Spec EMP Bag

Protect your generators and any other electronic devices small enough to fit inside it from an electromagnetic pulse.

MSRP / SKU	\$349 / 50170164
Protection Level	EMP, HEMP, and other transient EMI's
MIL-SPEC Standard:	MIL-SPEC-461G R5-10
Interior Dimensions	15" x 19.5" x 26"
Warranty	1 Year







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