

# BATTERIES



## **Bluetooth Compatible**

Download our app, and connect to your Lion Energy Bluetooth-enabled lithium battery for real time updates on capacity, and more.

- Monitor Battery State of Charge and Capacity.
- See incoming and outgoing energy
- Monitor Battery Temperature

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











This peel & stick Battery Warmer and insulating blanket will keep your lithium battery strong for those cold weather campouts.

- Easy to use thermostat
- Monitor power with BT App
  - Uses only 1/2 amp





#### SUPERIOR POWER FOR:













## **Lion UT™ 1300 BT & BT-H**



### Lion UT™ 1300 BT

SKU: 50170171

The Bluetooth enabled Lion UT 1300 BT features 15% faster charging times with smart BMS (Battery Management System). Camp 2x longer, or use your dump trailer 4x more on a single charge.



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SKU: 50170173

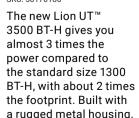


The Lion UT™ 1300 BT-H features an internal battery heater. While connected to a charging source, the battery stays at its optimal operating temperature.

## Lion UT™ 3500 BT-H

#### Lion UT™ 3500 BT-H 🔻 🔥

SKU: 50170186



Bluetooth built in, and long-lasting LiFePO4 lithium cells, you can be assured this powerful battery will last a lifetime.







The Lion UT™ family of Lithium batteries are a game changer! They replace traditional deep-cycle lead acid batteries with safer and longer lasting Lithium Iron Phosphate. Enjoy extended power without the headaches of traditonal lead acid.

- 2x Battery Life & 10x Lifespan
- Faster Recharge & Higher rate of Discharge
- Maintenance FREE
- Only 23 pounds (UT 1300)
- Battery Management System (BMS) protects battery, and extends life
- On Board Charge indicator and reset capabilities



## Battery Specifications: Lion UT 1300's & UT 3500

	1300 BT/BT-H	(all)	3500 BT-H
Battery Type		Lithium Iron Phosphate - LifePO4	
Life Cycles		3,500 to 5,000 @ 100% DOD	
Capacity	105Ah		280Ah
Max Charge Rate		100A	
Max Discharge Rate		150A Continuous	
Charging Temp.		32° to 113° F	
Operating Temp.		-4° to 131° F	
Weight:	23 lbs		73 Lbs
Dimensions	10.2" x 6.6" x 8.8"		13.85" x 7.64" x 12.85"
Bluetooth Capable		Yes	
Int. Battery Heater	Yes (BT-H only)		Yes
Water Resistant	IP65		No
Warranty		* Limited Lifetime	
Connection Options:			
Series	12V to 48V @ 105Ah		12V to 48V @ 280Ah
Parallel	12V @ 105, 210. 315Ah+		12V @ 280, 560. 840Ah+

\* 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.



## POWER SYSTEM

## **PRODUCTS**

## Savanna IV™

2.000W Power Inverter



Comes with 38" 1GA POS and NEG Cables with eyelets and a Remote On/Off Switch with 6' Cable

This simple but effective professional grade Pure Sine Wave power inverter takes 12V DC power from your battery pack and converts it to 120V AC power to energize your appliances giving you the comforts of home while you enjoy the outdoors.

SKU50170181
Input Voltage Range110VAC - 240VAC
Output Voltage / Amps
Input Amps
Max Continuous Output 650W
Efficiency>90%
Dimensions





# Savanna BC<sup>TM</sup> Battery Charger

Comes with POS and NEG Cable

Designed to mount in your vehicle as a part of the power system but can also be used on the workbench. Built to charge Lithium Batteries guickly and efficiently.

with evelets

SKU
Output Voltage
Charge Rate
Compatibility 12V LifePO4 Lithium Batteries / >50Ah
Dimensions 8 8" x 5 75" x 2 25"





## Lion 100™ 12V LW Solar Panel

1) Collect Clean, Renewable Power from the Sun

The Lion Portable 100-Watt 12V solar panel creates clean, limitless, renewable energy to power your adventures. When combined with our Savanna CC30 MPPT Solar Controller and 25' extension lead, it will charge your Lion UT™ batteries through a clean and renewable source - the sun!



- Portable and Convenient
- Easy to Use, Transport and Stow Away
- Powerful and Durable
- Expandable



SKU	50170261
Panel Type	Monocrystalline, self-healing, anti-reflective
Construction	Double walled aluminum
Lifespan	20+ Years
Capacity	100W / 18V @ 5.56A
Max Volt Output	18V
Expandable	Can link up to 4 panels
Weight	Only 9 lbs. / 12 lbs. with case
Dimensions:	
Open	
Folded	
Warranty	



## 25' Solar Extension Cable

2 Send Power from Solar Panels to Charge Controller

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	501700	31
Power Ca	pacity	5A
Cable Ler	gth	25
Connecto	r Anderson™ PowerPole desi	gn
Warranty		ars

## Savanna CC30™

**Solar Charge Controller** 



#### **Deliver Controlled Power to your Lithium Batteries**

Efficiently control power delivery from the Sun to your lithium battery pack with this simple and effective solar charge controller.



SKU	50170175
Charge Controller Type	MPPT
Power Delivery	12V / 30A
Max Solar Input	460W
Dimensions 6.5" x	3.5" x 1.8"
Weight	. 0.86 lbs.
Warranty	5 Years



Cables, Tool and mounting hardware included

# YOUR LIFE YOUR POWER YOUR WAY



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

LIONENERGY.COM





