



LIONENERGY™

**LITHIUM  
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!



## Battery Warmer

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



SKU .....	50170211
Voltage .....	12VDC
Power Draw .....	7.5W / 0.55A
Thermostat .....	Auto On 42°F Off 68°F
Warranty .....	5 Years

# THE **LITHIUM** ADVANTAGE

SUPERIOR POWER FOR:



Trailers



Marine



Outbuildings



RV's



Dump Trailers



Off-Grid

## 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.

### Lion UT™ 1300 BT-H

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

The new Lion UT™ 3500 BT-H gives you almost 3 times the power compared to the standard size 1300 BT-H, with about 2 times the footprint. Built with a rugged metal housing, Bluetooth built in, and long-lasting LiFePO4 lithium cells, you can be assured this powerful battery will last a lifetime.





## Ditch Lead-Acid!

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

# MARINE *READY*



**Dave Miller**

Professional Angler,  
Lion Energy Ambassador

## *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.

SKU .....50170181  
Input Voltage Range ..... 110VAC – 240VAC  
Output Voltage / Amps ..... 14.6V / 45A  
Input Amps ..... 6A  
Max Continuous Output ..... 650W  
Efficiency ..... >90%  
Dimensions ..... 14" x 10.5" x 4.25"



### **Savanna BC™** Battery Charger

Comes with POS and NEG Cable  
with eyelets

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 quickly and efficiently.

SKU .....50170178  
Output Voltage ..... 14.6V  
Charge Rate ..... 45A / 650W  
Compatibility . . . . 12V LifePO4 Lithium Batteries / >50Ah  
Dimensions ..... 8.8" x 5.75" x 2.25"



# THE SOLAR *POWER* CHAIN

CHARGING WHILE BOONDOCKING  
IS EASY AS...



## 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 .....	23.25" L x 40.5" W x .75" Thick
Folded .....	.21"L x 23.25" W x 1.5" Thick
Warranty .....	5 Years



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

## Savanna CC30™ Solar Charge Controller

### 3 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](http://LIONENERGY.COM)

