



LES - LITHIUM ENERGY SUPPLY
Portable power wherever you go!

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230VAC & 5/12VDC for mobile applications

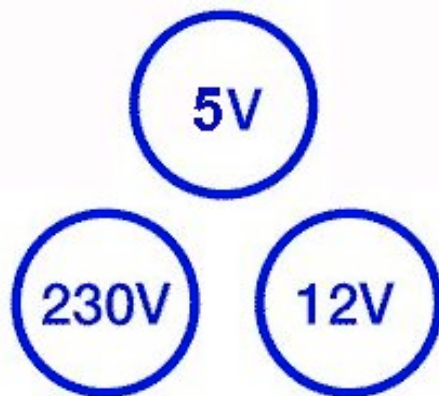
During your journeys, you don't want to refrain from the luxury you have at home.

The LES is a mobile energy supply that provides power for a long duration of time. For recharging the battery, it can be connected to solar panels or to your car- or camping car alternator or diesel generator. Back home, at the camping site or at the police/fire brigade station, you can recharge it with the built-in charger in a short period of time

Plug in your coffeemaker, lamps, fridge, hair dryer, toaster, shaver, electric toothbrush or other electronic consumer devices. With the built-in pure sine inverter, sensitive equipment, such as laptops and TV sets can be connected without a problem.

Power tools, electric- or medical equipment can also be supplied by the Power from the LES.

This Hybrid solution is easy to install and doesn't require a deep technical knowledge.



INFO

- **Reliable 230VAC operation for Laptop, TV, Toaster, Coffee maker, Lighting, Fridge, Hair dryer, Shaver, Electric Toothbrush, Power Tools and Medical Equipment.**
- **RCBO (Residual current operated Circuit Breaker with Overcurrent protection) to prevent harm from electric shock.**
- **Charge your mobile phone with the 5V USB Connection.**
- **Portable, compact, efficient, resistant and durable.**
- **Integration into the 12V on-board bus system and doesn't affect the 12V auxiliary battery.**
- **Easy installation.**
- **Extendable with additional modules for increased capacity.**
- **Rechargeable via public grid, solar panel(s), car alternator or diesel generator.**
- **Battery monitor shows readings such as consumed energy, charge/discharge current, battery pack voltage, low voltage alarm, logs, etc.....**
- **Works as a green solar generator; neither pollution nor noise.**
- **Output 400VAC 50-60Hz (optional).**

DATA

Lithium Energy Supply	
Price inclusive VAT [€]	4587
Capacity [Ah]	200
Useable Energy (80% DOD) [Wh]	2048
Nominal Voltage [V] DC, USB	5
Nominal Voltage [V] DC	12
Nominal Voltage [V] AC	230
Charge/Discharge Cycles	2500
Protection	IP22
Dimensions (L x H x W) [cm]	66x49x33.5
Weight [kg]	50
5VDC USB Output	
Number of sockets	2
Power [W]	10
Total Max.Current [A]	2
12VDC Output	
Current rating Neutrik socket [A]	20
Current rating Cigar socket [A]	20
Current rating Anderson socket [A]	100
230VAC/50Hz Output	
Continuous Power [W]	2500
Max. Power (<15 Min.) [W]	2750
Surge Peak Power [W]	4000
Operating time	
200W @ 230VAC [hours]	9,75
500W @ 230VAC [hours]	3,75
1000W @ 230VAC [hours]	1,75
Charge Current	
Built-in Lithium Charger [A]	20
Built-in Solar Charger [A]	20 (30A optional)
Car Alternator [A]	<100

DISCHARGING



CHARGING

