

LITHIUM BATTERY + BMS

LiFePO4 12,8V 100Ah (150A) Bluetooth + heating

INDEKS:6AKLI10M12

EAN: 5904100452040

LiFePO4 (Lithium Iron Phosphate) batteries with integrated BMS are characterized by very low weight and a large number of cycles (about 6000 cycles at DoD 60%).

Thanks to high cyclicity and very low self-discharge, LiFePO4 battery is perfect, both in emergency power systems and in OFF-GRID installations. Low weight allows the device to be used in installations in vehicles (campers, foodtrucks) and boats.

Built-in **BMS system** ensures battery storage without loss of nominal capacity for a long time and controls the processes of charging and discharging the battery.

The main advantages of the heating mat include maintaining optimal battery performance, ensuring longer life and saving energy.

With the application on your phone, you can check the main parameters of the battery, including charge status, usable capacity, current charge/discharge current, current voltage, discharge capacity.

What devices can be powered by LiFePO4 battery?

- Emergency power supply systems
- OFF-GRID systems
- Vehicle installations (campers, food-trucks)

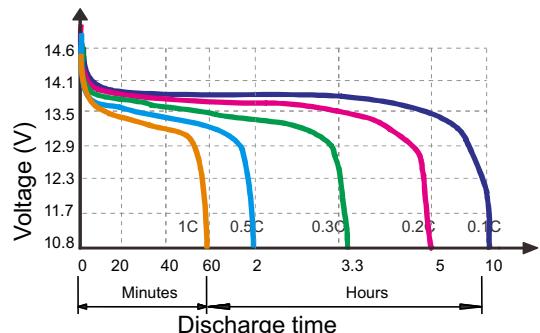
***Boat installations (ONLY using a hermetic case for the battery)!**



LifePO4 battery 12,8V 100Ah (150A)

Main parameters

Nominal voltage	12,8V
Nominal capacity	100AH
Voltage range	10.8V~14.6V
End of Discharge Volt	10,8V
Max charge current	150A
Max discharge current	150A
Cycle Life	3000 cycles (100% DOD)
	4500 cycles (80% DOD)
	6000 cycles (60% DOD)
Terminal Type	T16
Material	ABS
BMS	Build-in
Discharge temperature	(- 20 to 55)°C
Charge temperature	(0 to 55)°C
Storage temperature	(- 20 to 45)°C
Height/Width/Length	220mm/171mm/330mm
Weight	10,2kg +/- 3%
Gross dimensions/Gross weight	365x205x255mm/11,1kg
Multipack dimensions/Multipack weight	1130x830x1200mm/532,8kg



Discharge characteristic at 25°C



Use in motorhome