

LITHIUM BATTERY + BMS

LiFePO4 PRO SMART 12,8V 100Ah (150A)

Bluetooth+heating mat

LiFePO4 (Lithium Iron Phosphate) PRO SMART 12,8V 100Ah (150A) 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 cyclicality 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)!**

Main parameters

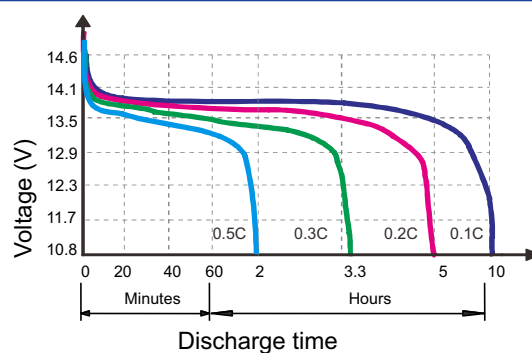
Nominal voltage	12,8V
Nominal capacity	100AH
Voltage range	10.8V~14.4V
Max charge current	150A
Max discharge current	150A
Cycle Life	3000 cykli (100% DOD)
	4500 cykli (80% DOD)
	6000 cykli (60% DOD)
Terminal Type	M8
Material	ABS
BMS	YES
Discharge temperature	(- 20 to 55)°C
Charge temperature	(0 to 55)°C
Storage temperature	(- 20 to 45)°C
Height	211mm
Width	169mm
Length	260mm
Weight	9,4kg
Gross dimensions/Gross weight	300x200x255mm/10,1kg
Multipack dim/Multipack weight	1130x830x1200mm/590,6kg

INDEKS: 6AKLI10S12

EAN: 5904100453443



LiFePO4 battery 12,8V 100Ah (150A)



Discharge characteristic at 25°C



Use in motorhome