

LITHIUM BATTERY + BMS

LiFePO4 12,8V 100Ah (100A) + LCD

INDEKS: 6AKLI10L12

EAN: 5904100450893

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 battery is equipped with an LCD display that shows the most important parameters.

What devices can be powered by LiFePO4 battery?

Emergency power supply systems

OFF-GRID systems

Vehicle installations (campers, food-trucks)

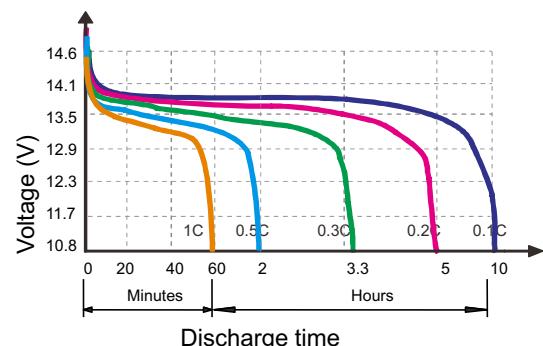
Boat installations (ONLY using a hermetic case for the battery)!



LifePO4 battery 12,8V 100Ah (100A) + LCD

Main parameters

Nominal voltage	12,8V
Nominal capacity	100AH
Voltage range	10.8V~14.4V
End of Discharge Volt	9,4V
Max charge current	100A
Max discharge current	100A
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	215mm
Width	171mm
Length	330mm
Weight	10kg+/-3%
Gross dimensions/Gross weight	365x215x265mm/10,9kg
Multipack dim/Mutlipack weight	1130x830x1200mm/523,2kg



Discharge characteristic at 25°C



Use in motorhome