

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 2000 cycles at an average of 100% of initial capacity).

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.

What devices can be powered by LiFePO4 battery?

Emergency power supply systems-

OFF-GRID systems

Vehicle installations (campers, food-trucks)

Boat installations

Main parameters

Nominal voltage	12,8V	
Rated capacity	100Ah	
Max. cont. discharging current	100A	
Dimensions	height	214 mm
	width	172 mm
	length	329 mm
Weight	11 kg	
Cycles	2000 cycles (100% DOD)	
Gross dimensions/Gross weight	384x227x269mm/11,8kg	
Multipack dim/Multipack weight	1x0,9x1,196m/492kg	

Other parameters

Terminal	M8	
Cells	3.2V 45AH4S1P	
Max. charge Voltage	14,6V \pm 1.2V	
Discharge cut off voltage	9,4V	
Max. charge current	50A	
BMS protection	Over charge, over discharge, over current, and short circuit	
Outer package material	ABS cover	
Operating temperature	Discharging	-20 C to 60 C
	Charging	0 C to 45 C
	Storage	0 C to 45 C
Warranty (enable to prolong)	2 years	



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



BMS



Use in motorhome