

LITHIUM BATTERY + BMS

LiFePO4 12,8V 100Ah (100A)

INDEKS: 6AKLI10012
EAN: 5904100450916

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/11,5kg
Multipack dim/Multipack weight		1x0,9x1,196m/480kg

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)



BMS



Use in motorhome