## **LITHIUM BATTERY + BMS**

## LiFePO4 12,8V 100Ah (100A)

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)

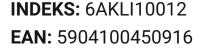
Boat installations

Main parameters

Nominal voltage		12,8V	
Rated capacity		100Ah	
Max. cont. discharging current		100A	
Dimensions	height	214 mm	
	width	172 mm	
	lenght	329 mm	
Weight		11 kg	
Cycles		2000 cycles (100% DOD)	
Gross dimensions/Gross weight		384x227x269mm/11,5kg	
Multipack dim/Mutlipack weight		1x0,9x1,196m/480kg	

Other parameters

Other parameters				
Terminal				
Cells				
Max. charge Voltage				
Discharge cut off voltage				
Max. charge current				
Over charge, over discharge,				
over current, ar	nd short circuit			
Outer package material				
Discharging	-20 C to 60 C			
Charging	0 C to 45 C			
Storage	0 C to 45 C			
Warranty (enable to prolong)				
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LifePO4 battery 12,8V 100Ah (100A)







