

# LITHIUM BATTERY + BMS

## LiFePO4 12,8V 60Ah (60A)

**INDEKS:** 6AKLI06012  
**EAN:** 5904100450909

**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 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.

### 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	60Ah	
Max. cont. discharging current	60A	
Dimensions	height	170 mm
	width	166 mm
	length	198 mm
Weight	5,2 kg	
Cycles	2000 cycles (100% DOD)	
Gross dimensions/Gross weight	253x221x225mm/5,7kg	
Multipack dim/Multipack weight	1,11x1,01x1,245m/590kg	

### Other parameters

Terminal	M6	
Cells	3.2V 60AH 4S1P	
Max. charge Voltage	14,6V ±1.2V	
Discharge cut off voltage	9,4V	
Max. charge current	30A	
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 60Ah (60A)



BMS



Use in motorhome