

# LITHIUM BATTERY + BMS

## LiFePO4 12,8V 24Ah (20A)

**INDEKS:** 6AKLI02412  
**EAN:** 5904100450862

**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 (ONLY using a hermetic case for the battery)!**

### Main parameters

Nominal voltage		12,8V
Rated capacity		24Ah
Max. cont. discharging current		20A
Min voltage		10.8V
Max voltage		14.6V
Optimum range of voltage		11.2V~14.2V
Dimensions	height	175 mm
	width	125 mm
	length	165 mm
Weight		3 kg
Cycles		2000 cycles (100% DOD)
Gross dimensions/Gross weight		245x180x230mm/3,25kg
Multipack dim/Multipack weight		1,1x1x1m/332kg

### Other parameters

Terminal		M6
Cells		3,2V 6000mAh4S4P
Max. charge Voltage		14,6V $\pm$ 1.2V
Discharge cut off voltage		9,4V
Max. charge current		12A
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 24Ah (20A)



BMS



Use in motorhome