

LITHIUM BATTERY + BMS

LiFePO4 PRO 12,8V 314Ah (200A)

Bluetooth+heating mat

INDEKS: 6AKLI20M31
EAN: 5904100452958

LiFePO4 (Lithium Iron Phosphate) batteries with integrated BMS are characterized by very low weight and a large number of cycles (about 6000 cycles at DoD 60%).

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.

The main advantages of the heating mat include maintaining optimal battery performance, ensuring longer life, and saving energy.

With the application on your phone, you can check the main parameters of the battery, including charge status, usable capacity, current charge/discharge current, current voltage, discharge capacity.

What devices can be powered by LiFePO4 battery?

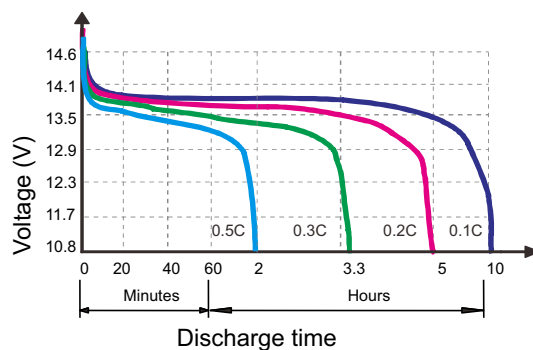
- Emergency power supply systems
- OFF-GRID systems
- Vehicle installations (campers, food-trucks)
- * **Boat installations (ONLY using a hermetic case for the battery)!**

Main parameters

Nominal voltage	12,8V
Nominal capacity	314AH
Voltage range	10.8V~14.4V
Max charge current	200A
Max discharge current	200A
Cycle Life	3000 cycles (100% DOD)
	4500 cycles (80% DOD)
	6000 cycles (60% DOD)
Terminal Type	M8
Material	ABS
BMS	Build-in
Discharge temperature	(- 20 to 55)°C
Charge temperature	(0 to 55)°C
Storage temperature	(- 20 to 45)°C
Height	218mm
Width	240mm
Length	522mm
Weight	27,4kg+/-3%
Gross dimensions/Gross weight	555x305x255mm/27,3kg
Multipack dim/Multipack weight	1130x830x1190mm/483,2kg



LifePO4 battery 12,8V 314Ah (200A)



Discharge characteristic at 25°C



Use in motorhome