

# LITHIUM BATTERY + BMS

## LiFePO4 12,8V 200Ah (150A) Bluetooth + heating mat

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**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 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.

**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)

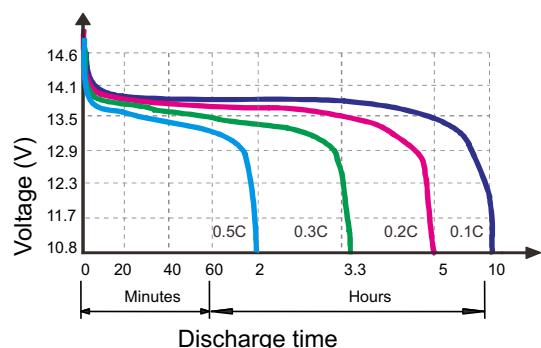
\***Boat installations (ONLY using a hermetic case for the battery)!**

### Main parameters

Nominal voltage	12,8V
Nominal capacity	200AH
Voltage range	10.8V~14.4V
End of Discharge Volt	10,8V
Max charge current	150A
Max discharge current	150A
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	240mm
Width	172mm
Length	485mm
Weight	17,8kg+/-3%
Gross dimensions/Gross weight	550x235x280mm/18,7kg
Multipack dim/Mutlipack weight	1130x830x1030mm/361,6kg



LifePO4 battery 12,8V 200Ah (150A)



Discharge characteristic at 25°C



Use in motorhome