

# LITHIUM BATTERY + BMS

## LiFePO4 25,6V 120Ah (120A)

INDEKS: 6AKLI24120

EAN: 5904100450947

**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.

### What devices can be powered by LiFePO4 battery?

- Emergency power supply systems
- OFF-GRID systems
- Vehicle installations (campers, food-trucks)

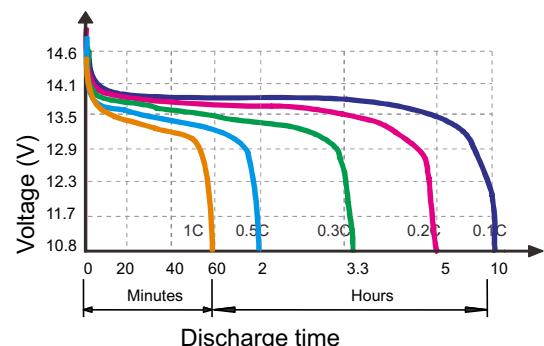
\* Boat installations (ONLY using a hermetic case for the battery)!



### Main parameters

Nominal voltage	25,6V
Nominal capacity	120AH
Voltage range	21.6V~29.2V
End of Discharge Volt	18,8V
Max charge current	60A
Max discharge current	120A
Cycle Life	3000 cycles (100% DOD)
	4500 cycles (80% DOD)
	6000 cycles (60% DOD)
Terminal Type	M8
Material	ABS
BMS	Tak
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	21,1kg+/-3%
Gross dimensions/Gross weight	550x235x280mm/22,1kg
Multipack dim/Multipack weight	1130x830x1030mm/397,8kg

### LifePO4 battery 25,6V 120Ah (120A)



### Discharge characteristic at 25°C



### Use in motorhome