

LITHIUM BATTERY + BMS

LiFePO4 12,8V 33Ah (30A)

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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.

What devices can be powered by LiFePO4 battery?

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

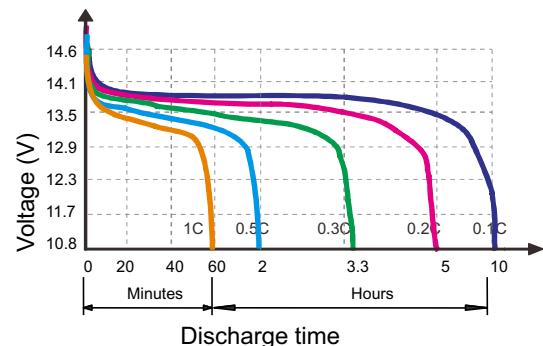
*** Boat installations (ONLY using a hermetic case for the battery)!**

Main parameters

| | |
|--------------------------------|-------------------------|
| Nominal voltage | 12,8V |
| Nominal capacity | 33AH |
| Voltage range | 10.8V~14.4V |
| End of Discharge Volt | 9,4V |
| Max charge current | 30A |
| Max discharge current | 35A |
| Cycle Life | 3000 cycles (100% DOD) |
| | 4500 cycles (80% DOD) |
| | 6000 cycles (60% DOD) |
| Terminal Type | M6 |
| Material | ABS |
| BMS | Build-in |
| Discharge temperature | (- 20 to 55)°C |
| Charge temperature | (0 to 55)°C |
| Storage temperature | (- 20 to 45)°C |
| Height | 126mm |
| Width | 165mm |
| Length | 174mm |
| Weight | 2,9kg+/-3% |
| Gross dimensions/Gross weight | 365x205x255mm/6,6kg |
| Multipack dim/Mutlipack weight | 1130x830x1200mm/341,8kg |



LifePO4 battery 12,8V 33Ah (30A)



Discharge characteristic at 25°C



Use in motorhome