

## LIONTRON Lithium LiFePO4

# Satellites

### DATA SHEET



#### LIONTRON LiFePO4 Smart BMS 12.8V 100Ah

**Fully-fledged lead battery replacement with maximum lifespan.**

LIONTRON LiFePO4 batteries are a full 12V lead-acid battery replacement with all the advantages of lithium iron phosphate. It offers a substantial weight reduction, enormous energy reserves and stable tension even under extreme loads. The memory was specially developed to fully meet the high demands that are placed on a storage battery today. Maximum safety and a long service life are guaranteed even with regular deep discharge thanks to the latest lithium technology. They enable an extremely long cycle life (over 3000 cycles at 80% DoD) and make the LIONTRON® batteries the ideal traction battery.

The battery is only suitable for 12V installation. A parallel connection to increase the capacity is possible (series connection to 24V, for example, is not possible).

#### Bluetooth surveillance

Battery status always in view

With the integrated Bluetooth 4.0 monitoring, you always have all important battery data in view on your smartphone or tablet. Among other things, the app shows the following data in real time:

- Battery charge in% (SoC)
- Battery voltage
- Charge / discharge current
- Remaining capacity
- Battery temperature
- Number of charge / discharge cycles
- Nominal / capacity

To connect the battery and a smartphone / tablet, the device must support Bluetooth version 4.0.

#### Safest lithium technology.

Absolutely intrinsically safe.

Our batteries are based on lithium iron phosphate technology (LiFePO4). This is currently the safest lithium technology. Each battery consists of a high-performance lithium iron phosphate (LiFePO4) accumulator and an integrated battery management system, or BMS for short. This constantly monitors the status of the individual cells and protects them from overcharging, overvoltage and overtemperature, among other things. An early failure of the storage due to environmental influences or incorrect use is prevented in advance by the BMS.



£989.00



- Charge/discharge cycles
- Charge/Discharge
- Battery Voltage
- Battery Temperature
- Charge Condition %
- Remaining Capacity (Ah)
- Total Capacity



Bluetooth App Download  
<https://liontron.de/smartbms>