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Starter Battery  
based on  
Li-Nanophosphate  
Technology

# Starter Battery Design based on Li-Nanophosphate Technology

What are the main advantages of this battery to existing lead-acid systems?

- better high current performance
- fast charging
- less capacity is needed to have same energy
- higher cycle life
- better low temperature performance
- less weight
- smaller package possible



## Features

### Voltage

- Nominal voltage: 13,2V
- Charging voltage: 14,4V
- Min voltage: 8V

### Current

- Discharge peak (for ms): 1000A
- Discharge step (a few sec): 450A
- Continuous discharge: 300A
- Max charging current: 100A

### Capacity

- Nominal capacity: 23Ah
- Min. capacity: 22Ah

### Interface

- Plus connector
- Minus connector

### Optional

- Communication Interfaces like CAN Bus, I<sup>2</sup>C-Bus or others

Which information can be delivered from the interface?

- State of charge
- State of health
- Time to empty
- Cell temperature
- and much more ...

## Housing

### Material

- PA

### Dimensions

- 172mm\*206mm\*192mm

### Weight

- Approx.: 5.0kg

