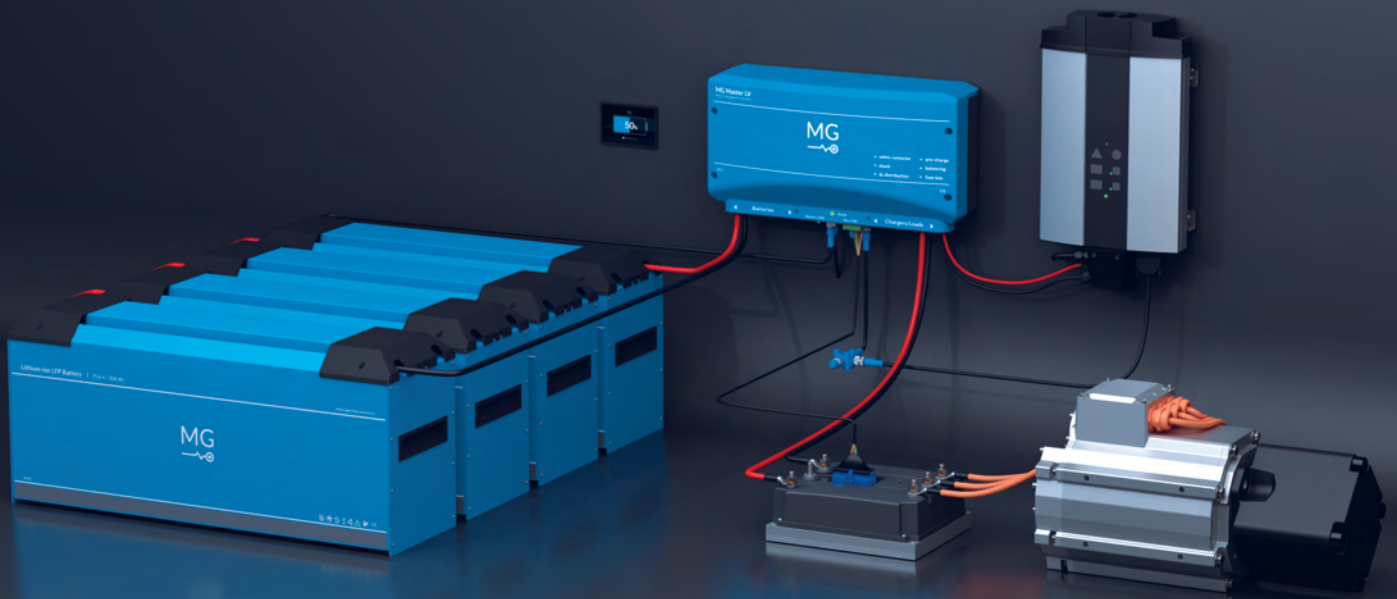


# LFP Battery Systems

## 72 - 96 Vdc



- ▶ For electric motors and hydraulic power packs
- ▶ Safe and reliable LiFePO4 chemistry
- ▶ Multi-string setup, fully scalable
- ▶ In depth battery monitoring
- ▶ Online portal with MG Energy Monitor



IEC 62619  
EN 62620

UN38.3

Uw dealer:  
AES Technische Groothandel  
Havenstraat 18, 8304 AH Emmeloord  
Ossekamp 1, 8531 XK Lemmer  
[www.aes-tg.nl](http://www.aes-tg.nl)

# MG

# 72 and 96 Vdc Integration



With only 4 batteries in series you can easily create a 96 Vdc system. The 96 Vdc charger is CAN-Bus controlled by the MG Master LV. Connect this charger directly to the internal DC Busbar of the MG Master LV. In addition, connect your electric drive or electric hydraulic motor to the same internal DC Busbar\*. This principle also works with 72 Vdc electric drives, by installing 3 batteries in series. Add more strings in parallel to increase operating time (kWh).



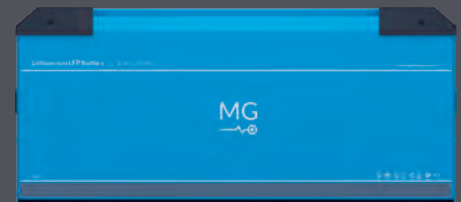
## Master LV BMS

- ▶ Battery Management System
- ▶ All-in-one
- ▶ MG Connect App
- ▶ Bluetooth



## LFP 230

- ▶ LiFePO4
- ▶ 5.8 kWh
- ▶ 25.6 Vdc
- ▶ 41 kg
- ▶ 517 x 294 x 193 mm



## LFP 304

New

- ▶ LiFePO4
- ▶ 7.8 kWh
- ▶ 25.6 Vdc
- ▶ 54 kg
- ▶ 652 x 294 x 193 mm



## Robust Charger

- ▶ 72 Vdc and 96 Vdc
- ▶ Charge power 3 kW
- ▶ CAN-Bus controlled
- ▶ IP66, passive cooling
- ▶ Parallel configuration



## SmartLink MX

- ▶ Combined mode
- ▶ Redundant battery banks
- ▶ Multiple programmable relays
- ▶ Charging station control



## Energy Monitor

- ▶ Touch-screen color display
- ▶ Monitoring on individual cell and battery module level
- ▶ Remote monitoring via online MG Energy Portal

\* MG is compatible with various motor suppliers