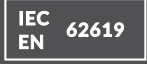


# Master LV



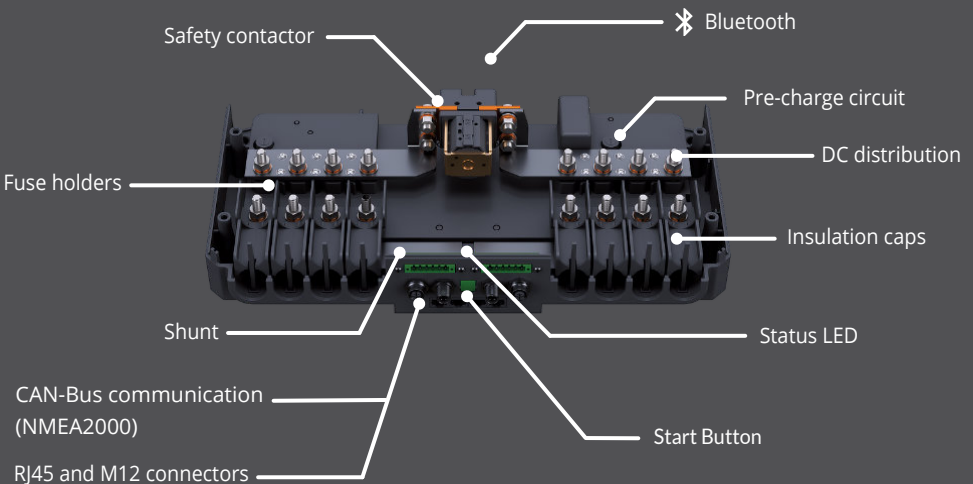
The MG Master LV is a battery management system exclusively for low voltage systems in the range of 12 Vdc up to 96 Vdc.

The MG Master LV guarantees a safe operation of your MG battery system. It protects the connected battery modules against over-charging, over-discharging and temperature extremes. Furthermore it controls the balancing on both cell and module level.

The Master LV monitors and tracks all relevant parameters to give insight in the battery status.

- ▶ Easy installation
- ▶ Automatic configuration
- ▶ NMEA2000 compatible
- ▶ Safety contactor
- ▶ I/O connectors
- ▶ Up to 96 Vdc system voltage
- ▶ Programmable outputs
- ▶ Event Logging

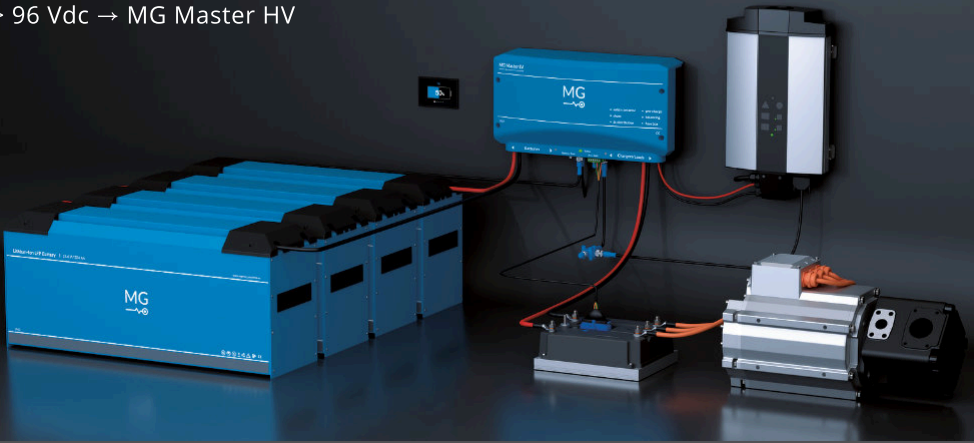
## ALL IN ONE DESIGN



## MODELS

Master LV 12 V	Master LV 24 - 48 V	Master LV 72 - 96 V
400A 600A 1000A	400A 600A 1000A	500A

> 96 Vdc → MG Master HV



## REDUNDANT SYSTEM

Another unique feature of the Master LV is the ability to create a redundant battery system. In order to achieve this, include the SmartLink MX and configure two or more MG Masters LV in "Combined Mode". This ensures that the battery system will always be operational and communication and power to the charger and loads will be maintained.

## CONNECT AND CONTROL

Monitor and control your MG Master LV with a laptop, tablet or smartphone using the MG Connect App or MG Diagnostic Tool. The MG Energy Portal and MG Energy Monitor can be used for remote and local monitoring.

