

## CONTACT :



SCAN FOR TECHNICAL  
SPECIFICATIONS



## RELATED MG PRODUCTS

HE Series

RS Series

LFP Series

Master LV & HV

MG SMARTLINK MX

# MG SmartLink MX





## COLLECT & COMBINE DATA

### MG Smartlink MX

The SmartLink MX is the smart link between all MG products and third party devices. The SmartLink gathers and combines all battery and communication data in the MG battery system. As a result, third party devices in a system no longer need to collect data from multiple BMSs.

The SmartLink supports interfacing to a list of common chargers and electric drives. The standard protocol is based on NMEA2000. No additional EMS or PMS is needed, because direct control is possible. The MG SmartLink provides all necessary controls to start, stop and reset the entire battery system when needed.

- ▶ NMEA2000
- ▶ Redundant system control
- ▶ Combined battery system data
- ▶ Bluetooth
- ▶ Control of third party chargers and loads
- ▶ Interface for MG Energy Monitor

#### TYPE APPROVAL

Another version besides the SmartLink MX, is the SmartLink PLC. The SmartLink PLC has the same characteristics and qualities, and additionally contains type approval for class registers.

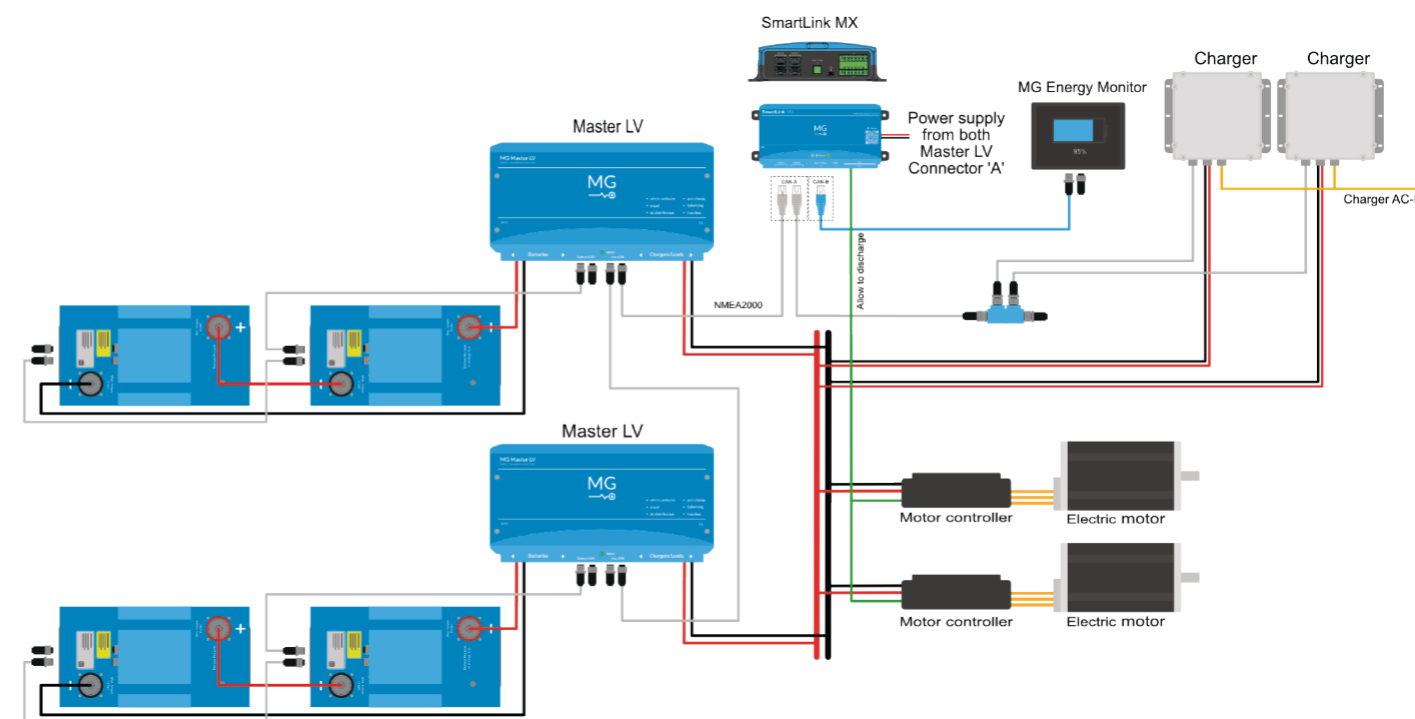
Use the SmartLink MX for battery systems with two or more MG Masters HV or LV. The SmartLink MX collects and combines the received information from all the MG Masters in a battery system. It transmits the combined data over CAN-Bus and makes it available for third party devices. It also makes combined battery data available in such a way that parallel connected systems are shown as one battery bank. The SmartLink MX is able to communicate with both the Master LV for low voltage systems and the Master HV for high voltage systems.

Besides collecting data, the SmartLink MX controls the MG Masters. It detects the state of the system, including warnings and errors. It can turn the BMS on or off, and restart the entire battery system when needed.

#### SYSTEM START/STOP

Pressing the system start-button once activates the MG Master BMSs. The Master BMSs remain in a waiting state. Only one Master BMS needs to be 'started' by pushing the start button again. This applies voltages to the DC-Bus. The other Master BMSs will connect to the DC-Bus automatically, when their voltage is similar to the DC system voltage.

## REDUNDANT SYSTEM EXAMPLE



## MONITORING AND CONTROL

### CONNECT AND BE IN CONTROL OF YOUR ENERGY

#### MG CONNECT APP

The bluetooth connection makes it possible to monitor and control your battery system with your smartphone or tablet. Connect the MG Connect app and get insight into the battery status and energy consumption. It is also possible to change settings, read the event log and update to the latest firmware.

#### ENERGY MONITOR

The MG Energy Monitor is a fast and responsive touchscreen display that shows the status of your MG Lithium-Ion battery system. Scrolling through the status pages and changing settings is easily done by touch. This display is for local monitoring. It has Wi-Fi capabilities to communicate with the MG Energy Portal for remote monitoring.

