

# MG Energy Monitor

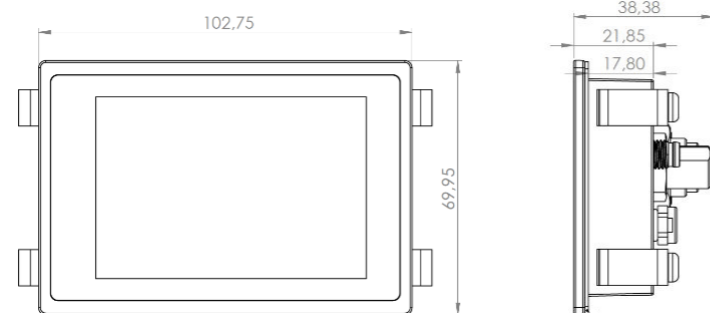
## Battery system monitoring

Technical specifications	MG Energy Monitor MGEMD010001
Supply voltage	12 ... 58 VDC
Supply current	150mA @ 12V 90mA @ 24V External power connection available
<b>Enclosure</b>	
Material	ABS, glass
Dimensions	103 x 70 x 39 mm
Weight	150 g
<b>LCD screen</b>	
Type	TFT
Size	3,5" diagonal
Resolution	480 x 320
Colours	262K
Brightness	500 cd/m2
Dimming	Yes
<b>Wi-Fi connectivity</b>	
Protocol	802,11 b/g/n
RF certification	SRRC, FCC, CE (RED), IC, NCC, KCC, TELEC (MIC)
Security	WPA/WPA2
Encryption	WEP/TKIP/AES
<b>Environmental</b>	
Operating temperature range	-20 °C to 50°C
Protection class	IP67
<b>Connections</b>	
Ext. Power connection	M8, 3 pins
CAN-Bus connection	M12, 5 pins
<b>Standards</b>	
EMC: Emission	NEN-EN-IEC 61000-6-3:2007/A1:2011
EMC: Immunity	NEN-EN-IEC 61000-6-2:2019
Low voltage directive	NEN-EN-IEC 60335-1:2012/A13:2017
RoHs	EN 50581:2012



- ▶ High resolution 3.5" colour LCD
- ▶ Responsive touchscreen
- ▶ CAN-Bus communication
- ▶ Monitoring of all system parameters
- ▶ Integrated Wi-Fi for remote monitoring
- ▶ Control of battery system settings
- ▶ Short start-up time
- ▶ IP67 Rating

### In control of your energy



#### Monitoring

- State of Charge
- Time to go
- Voltages
- Currents
- Temperatures

#### Control

- Battery strategy
- System settings
- Current control
- Bluetooth

#### Energy Portal

- Remote monitoring
- Free access
- Data logging
- Graph display