



Item no. 322/770
Manufacturer's no. V0005000

Battery Monitor BMV-700



Information

Dimensions	3 x 6.5 cm
Pack size	21 x 21 x 6.5 cm
Net weight	500 g
Gross weight	1.06 kg

Battery „fuel gauge“, remaining capacity indicator and much more

The remaining battery capacity depends on the ampere-hours used, the discharge current, the temperature and the age of the battery. Complex software algorithms are required to take all these variables into account. In addition to the basic display options such as voltage, current and Ah consumed, the BMV-700 series also displays the state of charge, remaining runtime and power consumption in watts. No monitoring of the centre point voltage.

Bluetooth Smart

With the Bluetooth Smart dongle, you can monitor your batteries via an Apple or Android smartphone, tablet, Macbook or other devices.

Simple installation

All electrical connections are made using the PCB connector on the current shunt. The shunt is connected to the monitor via a standard RJ12 telephone cable. Included in the scope of delivery: RJ12 cable (10 m) and battery cable with fuse (2 m). No other components are required. A separate front panel for a square or round display, a safety ring for rear mounting and screws for front mounting are also included.

Specifications

Colour	grey
Type	BMV-700

Simple programming (with your smartphone!)

A quick installation menu and a detailed setup menu with scrolling support the user when programming the various settings. Alternatively, a quick and easy solution can also be used: Download the smartphone app for this (Bluetooth Smart dongle required).

Standard functions

- Battery voltage, current, power, ampere-hours used and charge status
- Remaining runtime at current discharge rate
- Programmable visual and audible alarm
- Programmable relay to switch off non-essential loads or switch on a generator if required
- 500 A quick-connect shunt and connection set
- Shunt capacity selectable up to 10,000 A
- VE.Direct communication port
- Stores a wide range of historical data that can be used to assess usage patterns and battery condition
- Wide input voltage range: 6.5 – 95 V
- High current measurement resolution 10 mA (0.01 A)
- Low power consumption 2.9 Ah per month (4 mA) at 12 V and 2.2 Ah per month (3 mA) at 24 V