

SINGLE PACK



victron energy
BLUE POWER



BMV-712

SMART BATTERY MONITOR SUPPORTS 2 BATTERIES

With Bluetooth built-in, the BMV Smart is ready to be implemented with most Victron Energy products, wireless communication between products will simplify system installation & enhance performance.

Victron Bluetooth app

Use a smartphone or other Bluetooth enabled device to:

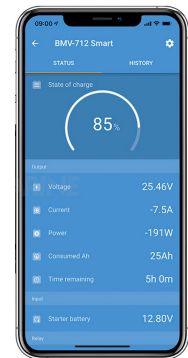
- Customize settings
- Monitor all important data on single screen
- View historical data & to update the software when new features become available

Easy to install

All electrical connections are to the quick connect PCB on the current shunt. The shunt connects to the monitor with a standard RJ12 telephone cable. Included: RJ12 cable (10 m) & battery cable with fuse (2 m); no other components needed. Also included are a separate front bezel for a square or round display appearance, a securing ring for rear mounting & screws for front mounting.

Features

- Battery voltage, current, power, ampere-hours consumed & state of charge
- Remaining time at the current rate of discharge
- Programmable visual & audible alarm
- Programmable relay, to turn off non critical loads or to run a generator when needed
- 500A quick connect shunt & connection kit
- Shunt selection capability up to 10,000A
- VE.Direct communication port
- Stores a wide range of historical events, which can be used to evaluate usage patterns & battery health
- Wide input voltage range: 6.5 - 70V
- High current measurement resolution: 10 mA (0.01A)
- Additional input to measure voltage (of a second battery), temperature or midpoint voltage, corresponding alarm & relay settings



SHU050150050

SMARTSHUNT 500A/50MV BLUETOOTH BATTERY MONITOR

The SmartShunt is an all-in-one battery monitor, only without a display. Your phone acts as the display.

The SmartShunt connects via Bluetooth to the VictronConnect app on your phone (or tablet) & you can conveniently read out all monitored battery parameters, like state of charge, time to go, historical information & much more.

Alternatively, the SmartShunt can be connected & be read by a GX device. Connection to the SmartShunt is made via a VE.Direct cable. The SmartShunt is a good alternative for a BMV battery monitor, especially for systems where battery monitoring is needed but less wiring & clutter is wanted.

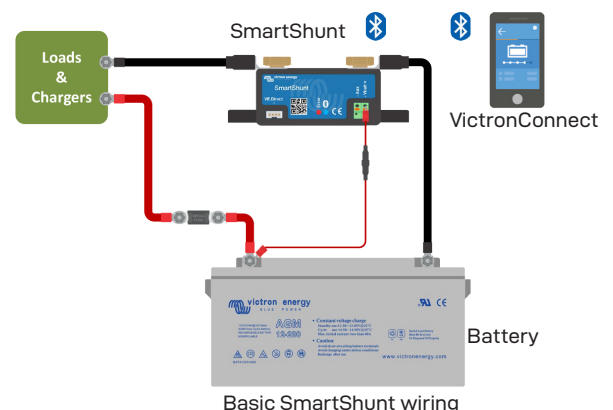
The SmartShunt is equipped with Bluetooth, a VE.Direct port & a connection that can be used to monitor a second battery, for midpoint monitoring, or to connect a temperature sensor.

Features:

- All-in-one battery monitor
- Built-in Bluetooth
- Easy to program & monitor

Differences compared to BMV-712 Battery Monitor

- No programmable visual & audible alarm
- No programmable relay



Basic SmartShunt wiring