

SMARTSHUNT

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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) and you can conveniently read out all monitored battery parameters, like state of charge, time to go, historical information and much more.

Alternatively, the SmartShunt can be connected and 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 and clutter is wanted.

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

Differences compared to BMV712 Battery Monitor

- No programmable visual and audible alarm.
- No programmable relay.

SPECIFICATIONS

SmartShunt		500 / 1000 / 2000 A
Supply voltage range		6,5 - 70 Vdc
Current Draw		< 1 mA
Input voltage range, auxiliary battery		6,5 - 70 Vdc
Battery capacity (Ah)		1 - 9999 Ah
Operating temperature range		-40 to +50 °C
Second measure	Yes, second battery voltage, midpoing or temperature	
Temperature measurement range		-20 to +50 °C
VE.Direct communication port		Yes
Resolution & Accuracy		
Current		± 0,1A
Voltage		± 0,01 V
Amp hours		± 0,1 Ah
State of charge (0-100%)		± 0,1 %
Time to go		± 1 min
Temperature	± 1°C (optional temperature sensor needed)	
Accuracy of current measurement		± 0,4 %
Offset		Less than 20 / 40 / 80 mA
Accurace of voltage measurement		± 0,3 %
Installation & Dimensions		
Dimensions (h x w x d)	500A: 46 x 120 x 54 mm 1000A: 68 x 120 x 54 mm 1500A: 58 x 120 x 76 mm	
Protection category		IP21
Standards		
Safety		EN 60335-1
Emission / Immunity	EN-IEC 61000-6-1, EN-IEC 61000-6-2, EN-IEC 61000-6-3	
Automotive		EN 50498
Cables (included)	Two cables with 1 A fuse for + connection and starter battery or midpoint connection	
Temperature sensor		Optional ASS000100000

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