

# 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

<b>SmartShunt</b>	<b>500 / 1000 / 2000 A</b>
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
<b>Resolution &amp; Accuracy</b>	
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 %
<b>Installation &amp; Dimensions</b>	
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
<b>Standards</b>	
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

## DOWNLOADS

### CATÁLOGO GENERAL 2020

 [Catalogo-Bornay-0520.pdf](#)

Size: 21.51 MiB