

FULLY CHARGED OR ONLY HALF-FULLY?

How much residual charge does my board battery still have?

PRODUCT FEATURES

- Fuel gauge for the battery
- Bright display with white illumination
- Indication of the battery's charging state adjustable for lead-acid, gel, AGM, as well as LiFePO4 batteries
- Residual capacity in Ah and %
- Charging/discharging current in A
- Voltage for 2nd battery in V
- Programmable terminal with main switch function up to 100 A
- Including precision measuring resistor
- For all 12 V and 24 V batteries
- Optional: Bluetooth Connector S-BC

The crucial point for comfort on journey is the battery. It is really annoying, when the battery signalises suddenly and unexpectedly total discharge and the comfort ends. But how much power is still in the battery? Is the battery really "Full"? Why is energy still taken from the battery, although the consumers have been switched-off? The LCD-Battery-Computer S gives the answer to these and other questions.

It informs of all current data of the battery. All charging and discharging currents are recorded accurately. Battery size, self-discharge, battery load etc. are considered by means of programmed characteristic diagrams. Battery voltage or current, as well as the charging state are displayed as residual capacity in ampere-hours or as percentage and as level bar. Additionally, the voltage of the starter battery can be displayed.

The freely programmable terminal can also be used for purposes of control, supervision and warning, for instance as remote-controllable main switch with undervoltage protection. Then, the consumers are switched-off via a connected switch unit (such as Switch Unit 40 or 100), which can be effected manually at any time or automatically, as soon as the adjusted lower value is attained. They can be reconnected manually by pressing a key and by activation of the function EMERGENCY-ON. Installation is conceivably simple: The supplied precision measuring resistor (shunt) will be connected directly to the negative pole of the board battery and to the display using the plug-and-go cable. The small mounting depth of only 22 mm allows an installation of the display at almost any location.

LCD BATTERY COMPUTER S	Measuring Devices and Displays		
Unit Type	LCD Battery Computer 100 S	LCD Battery Computer 200 S	LCD Battery Computer 400 S
Order No.	1263	1266	1269
Nominal battery voltage Lead-acid / Gel / AGM	12 and 24 V	12 and 24 V	12 and 24 V
Battery Voltage LiFePO4	12.8-13.2 V / 25.6-26.4 V	12.8-13.2 V / 25.6-26.4 V	12.8-13.2 V / 25.6-26.4 V
Measuring Shunt in the Delivery Scope	100 A	200 A	400 A
Current Consumption (Illumination abswitchable)	8-60 mA	8-60 mA	8-60 mA
Nominal Capacity of Battery adjustable	50-2000 Ah	50-2000 Ah	100-2000 Ah
Current Carrying Capacity Duration/15 Min/Short-time	+/- 100/150/450 A	+/- 200/300/900 A	+/- 400/600/1800 A
Dimensions Display (HxWxD)	80x85x24 mm	80x85x24 mm	80x85x24 mm
Assembly Dimensions (HxWxD)	66x72x22 mm	66x72x22 mm	66x72x22 mm
Dimensions Shunt (HxWxD)	32x135x44 mm	32x135x44 mm	32x135x44 mm
Weight Display/Smart-Shunt	55 g/240 g	55 g/240 g	55 g/245 g

Mark of Conformity:

CE, E Test (EMV/automotive regulations)

Delivery Scope:

Display unit, Smart-Shunt 100 A, 200 A or 400 A, control cable of 5 m length, ground strap, fastening screws, manual, drilling jig

Recommended Accessories:

Casing S Order No. 2024, control cable of 5 m length Order No. 2005, Switch Unit 40 A Order No. 2071, Switch Unit 100 A Order No. 2072

» More technical specifications and informations you will get at our website www.votronic.de