



BB-02 Backup battery

The **BB-02** is a **back-up battery** equipped with its own electronics for taking control of the power supply. It is intended for use with the **CA-1803** and **CA-1802** car alarms.

Description

During normal operation the BB-02 is supplied (or charged) by the car alarm power supply. If the voltage drops under 8.5V, the BB-02 starts to generate a voltage. Except for the acoustic siren, the BB-02 backs up all the functions of the car alarm. This also includes voice communication if an HF-03 handsfree set is attached. The back-up voltage is generated either for the duration of the car voltage supply outage or until the BB-02 is completely discharged.

Technical specifications

Power supply	12 -24V
Back-up battery capacity	400 mAh (at 9.3 V)
Back-up current	max. 20 mA (when fully discharged)
Outage detection threshold	8.5 V
Generated back-up voltage	9.3 V
Threshold for turning off power supply when discharged	under 3.9 V
Maximum constant current of generated voltage	400 mA
Consumption of BB-02 by itself (without being battery charged)	<4 mA
Back-up duration at least	5 hours
Lifetime	2 - 4 years