

The BB-02 back-up battery

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. The car voltage supply is regarded as recovered when it exceeds 10 V. Fully charging a fully discharged BB-02 battery requires 5 days.

While testing it or being handled, it is possible to protect the backup battery from being completely discharged by briefly shorting the BB-02's terminals (the BB-02 has to be disconnected from the car power supply). This causes disconnection of the electronics inside. The electronics is reconnected by connecting the BB-02 to the car power supply.

Specification:

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

The battery is supplied discharged!!!



Although this product does not contain any harmful materials we suggest you return the product to the dealer or directly to the producer after use.