

BA002

Data Sheet





With the new Battery Box BA002, LINAk has developed a reliable and compact battery solution for HOMELINE® systems based on PLC (Power Line Communication).

A battery is the perfect solution for applications in which an aesthetically pleasing appearance is disturbed by a mains cable.

The BA002 is a high-performance lithium-ion battery with a capacity of 2.5 Ah. An audio alarm in three stages indicates low battery. The BA002 is a very compact unit. Optionally a battery bracket can be ordered for easy mounting of the battery.

Features

- Compact unit for easy handling and installation
- BA002 featuring high quality, rechargeable Li-ion battery cells
- Audio alarm when charging is needed
- Running immediately after power connection (SW ver. 1.06 and newer)
- Thermal switch protection, over-current protection
- Colour: black
- Battery capacity: 2.5 Ah / 40 Wh
- Nominal voltage: 24 V
- Discharge current: 6 A (max)
- Maximum charging voltage: 32 V DC
- Charging current: 1.3 A
- Weight: 550 g

Options

- Mounting bracket for easy mounting/demounting (must be ordered separately)

Usage

- Ambient temperature: 5 to 40 °C
- Storage temperature: 0 to 45 °C
- Compatible with HOMELINE systems using PLC (Power Line Communication)
- Approved in accordance with:
 - EN 62133-2 (Battery safety testing)
 - UL 1642 (Lithium cells, standard test)
 - UN 38.3 (transportation of Lithium batteries)

Ordering

BA002	BA002100	Battery box
Bracket for BA002	BA002_bracket	Mounting bracket for easy mounting/demounting of BA002

Dimension drawings

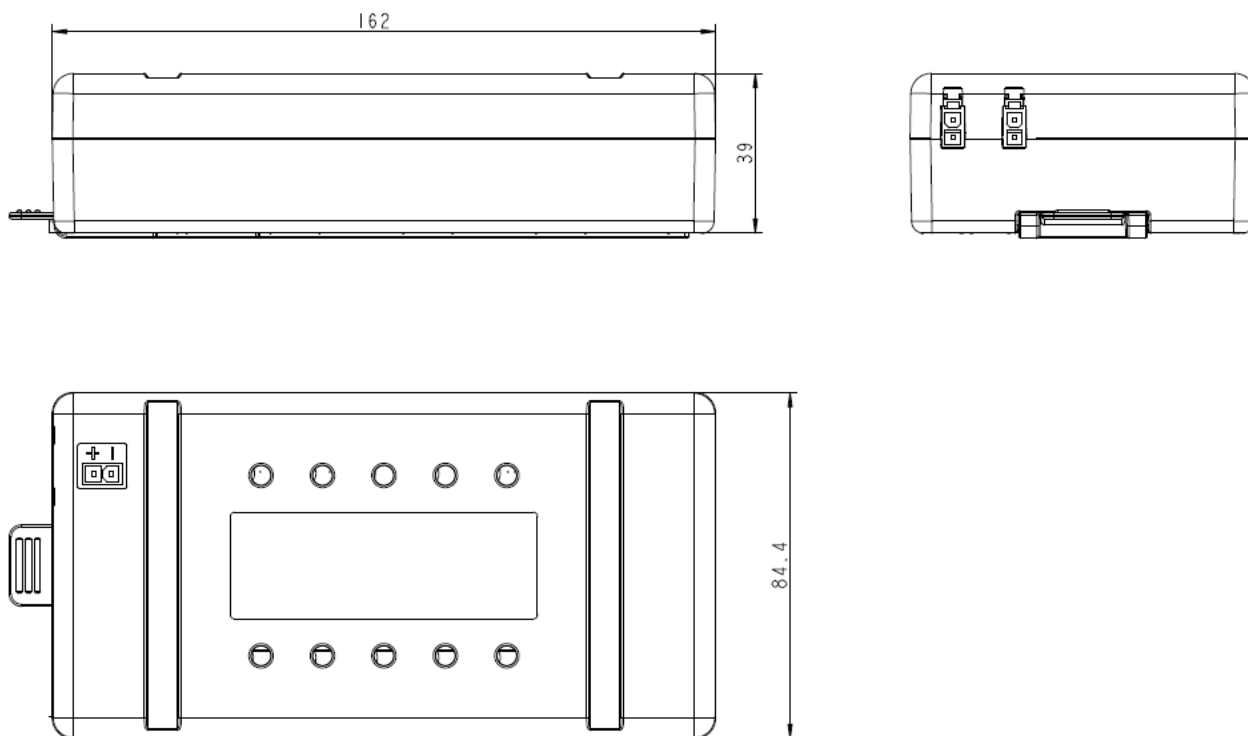


Figure 1 BA002 dimensions (mm)

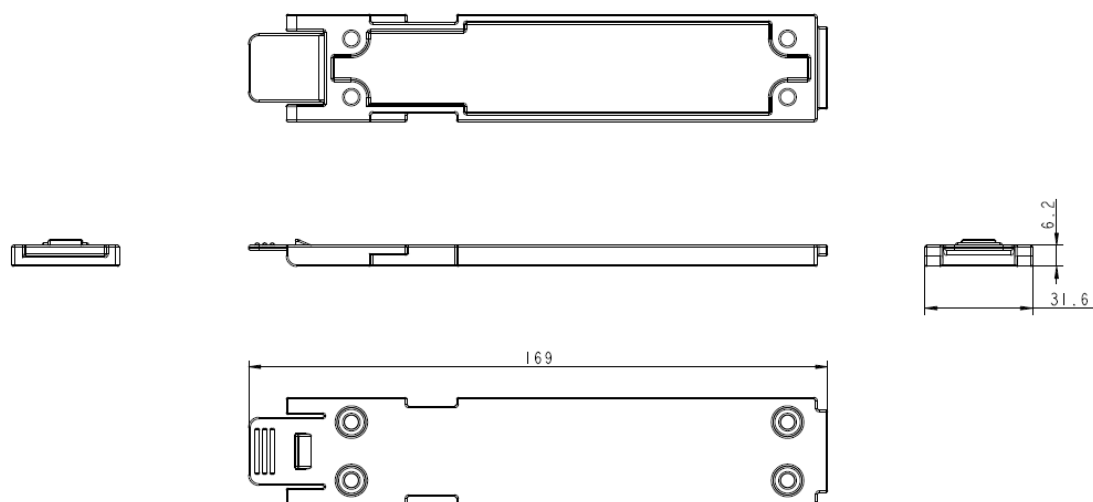


Figure 2 BA002 mounting bracket dimensions (mm)

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