

BA001

Data Sheet





LINAK has developed a Battery Box BA001 that works with various DESKLINE® and HOMELINE® systems. A battery can be the perfect solution in mobile applications, e.g. mobile carts or applications where a mains cable takes up space, e.g. recliners.

The BA001 is a high-performance lithium-ion battery with a capacity of 2.5 Ah. It features LED light bars indicating the capacity level and an audio alarm indicating the charge level. The BA001 is a very compact unit that comes standard with a mounting bracket for easy change of the battery.



Observe the storage requirements for the BA001.

Features/Usage

Features

- Compact unit for easy handling and installation
- High-quality, rechargeable Li-ion battery cells
- Battery alarm (audio) when charging is needed
- Battery charging indicator (LED light bars) indicating the capacity level
- Thermal switch protection, overcurrent protection
- Colour: black
- Battery capacity: 2.5 Ah / 60 Wh
- Nominal voltage: 24 V
- Discharge current: 9 A (max)
- Maximum charging voltage: 40 V DC
- Charging current: 0.5 A
- Weight: 600 g
- Mounting bracket for easy mounting and demounting when charging is needed

Usage

- For indoor use in dry locations

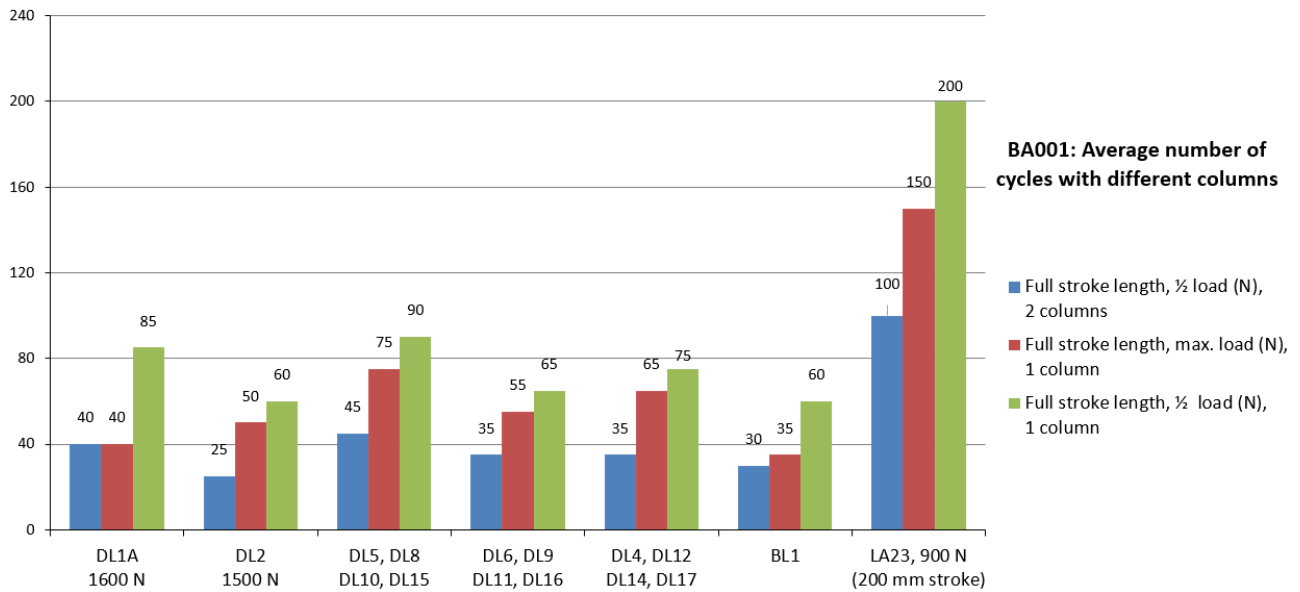
Parameter	Operation	Storage and transportation
Temperature	10 to 40 °C	-10 to +50 °C
Relative humidity	20% to 80% - non-condensing	20% to 80% - non-condensing
Atmospheric pressure	800 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	N/A

- Approved in accordance with:
 - EN 62133 (Battery safety testing)
 - UN 38.3 (transportation of Lithium batteries)



The BA001 cannot supply enough power for High-speed columns

Battery capacity



The graphic above shows average values. The measurements are made with control box CBD6S 300 W under the following conditions:

- New, fully charged battery
- Temperature: approx. 20 °C
- Only centrally placed load (no bending moment)
- Standard duty cycle
- All referenced loads are nominal max. loads for the columns

Dimension drawings

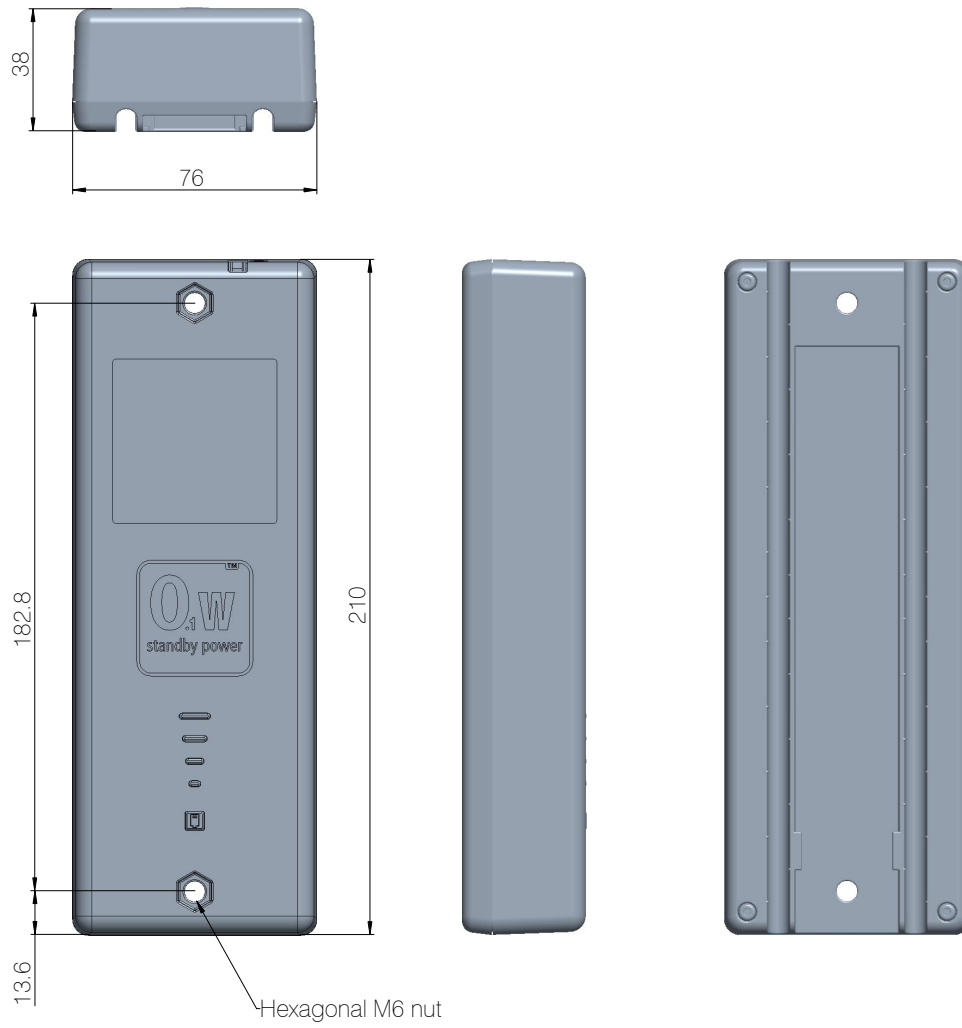


Figure 1 BA001

Drawing No. 1087W4001

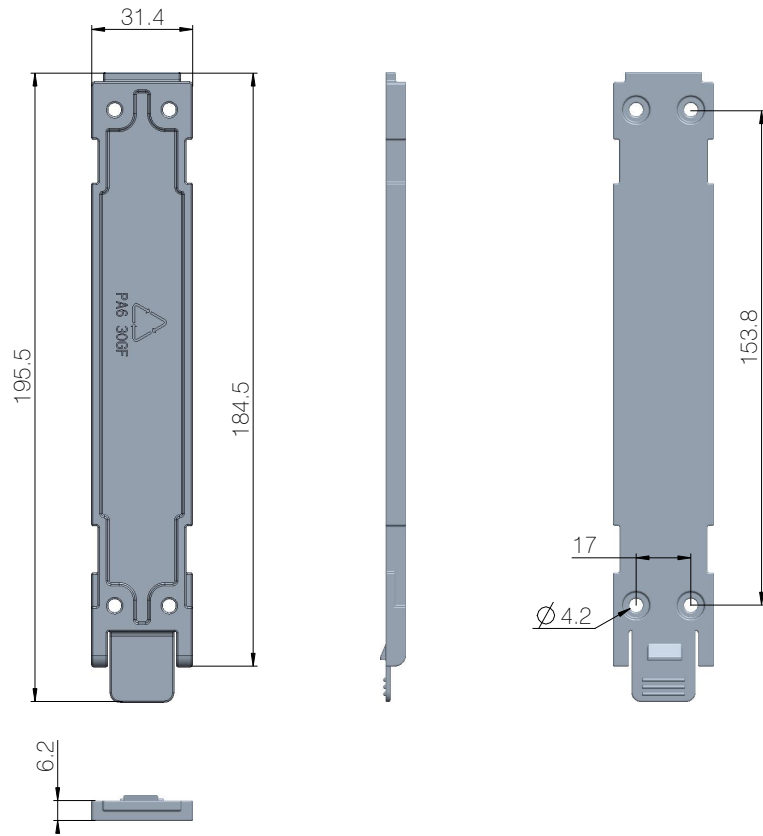


Figure 2 BA001 mounting bracket

Drawing No. 1087W4002

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