GB

Battery Pack LINAK BA002 (item no: 16-000640)

Product description

The LINAK BA002 is a compact rechargeable lithium-ion battery pack for electrically adjustable recliners, chairs and sofas with a LINAK HOMELINE system. The battery lets you place your furniture freely in the room without a permanent cable to a wall socket. This gives a tidy look and removes the risk of tripping over a cord. The furniture can be used while the battery is charging. The battery has a built-in deep sleep mode that protects it during shipping and storage, built-in protection against overheating and overcurrent, and a three-stage audible alarm that tells you when the battery is low. The battery is designed in Denmark by LINAK and is intended for indoor use in dry locations.

Technical data

Model	BA002 (item number BA002100)
Battery type	Lithium-ion (Li-ion)
Nominal voltage	14.4 V
Capacity	2.5 Ah 36 Wh
Output	29 V DC, max. 6 A
Charging input	18-32 V DC, max. 1.3 A
Operating cycles per charge	Up to 100
Operating temperature	5-40 °C
Storage temperature	0-45 °C
Dimensions	162 × 84.4 × 39 mm
Weight	550 g
Protection	Thermal switch protection, overcurrent protection
Low battery indication	Three-stage audible alarm
Tested in accordance with	EN 62133-2 (battery safety), UL 1642 (lithium cells), UN 38.3 (transport of lithium batteries)

Charging

Charge the battery with the power supply that came with your furniture. Do not use any other power supply.

The battery is charged through the furniture's charging point.

The furniture can be used while the battery is charging.

The battery gives one short buzz when charging starts.

Charging will not start if the battery level is above 80%. This is normal.

The battery is delivered in deep sleep mode.
Connect the charger to wake it up before first use.

If the battery has been stored, charge it after 3 months at the latest.

Charge the battery within 5-40 °C.



Deep sleep mode

Deep sleep mode protects the battery from discharging completely during storage and shipping.

The battery goes into deep sleep mode if the furniture has not been used for 40 days, or if the battery level reaches 0%. If the battery is disconnected from the furniture, it goes into deep sleep after about 1 hour unless a charger is connected.

To wake the battery up, connect the charger.

If the furniture does not respond, connect the charger. The battery may be in deep sleep mode.

Pairing the hand control

Before you can operate the furniture, the hand control must be paired with the system.

When the system is connected to power, it automatically goes into pairing mode for three minutes.

Press the two upper buttons on the hand control at the same time. For hand control BP11, press the “up” and the “down” button.

The battery gives one short buzz when the hand control is paired.

Pairing mode ends when the paired hand control sends its first command.

If you need to pair again, disconnect the power cable, wait 10 seconds, and connect it again. The system then goes into pairing mode for another three minutes.

You do not need to initialise the system when you set it up for the first time. You only need to connect it and pair the hand control.

The hand control sits in a magnetic holder on the furniture. You can lift it out and use it as a remote control.

Sound signals

Signal	Meaning
One long buzz	Battery level below 5%. Charge the battery before use.
Three short buzzes	Low battery. Approx. 5 operating cycles remain.
One short buzz	Charging has started, or the hand control or app has been paired.

The battery only buzzes when the furniture is in use. At a battery level below 5%, the alarm sounds each time the furniture is operated. 1% of battery capacity corresponds to roughly one operating cycle for furniture with two actuators.

Use and maintenance

Use the battery indoors in dry locations only, within 5-40 °C.

Do not cover the battery or pack it in heat-insulating material. Leave at least 20 mm of free space around it so it can release heat.

Clean dust and dirt from the outside with a dry or slightly damp cloth. Do not use strongly alkaline or acidic cleaners (pH must be 6-8).

Inspect connections, cables and plugs for damage from time to time.

Disconnect the power supply from the mains before cleaning, servicing or moving the furniture.

Safety

Read all instructions before use and save them for later.

Do not use the battery, power supply or cables if they are visibly damaged.

Do not open the battery. Repairs must only be carried out by an authorised LINAK service centre.

Do not overload the furniture, and do not stand on it while it is moving.

Make sure nothing and nobody is in the way of the furniture's moving parts, to avoid squeezing of fingers or arms. Take care that cables are not squeezed.

The power supply must not be packed in heat-insulating material. If the power supply makes unusual noise or smells, disconnect it from the mains immediately.

The furniture may be used by children aged 8 and older, and by persons with reduced physical, sensory or mental capabilities or limited experience, if they are supervised or have been instructed in safe use and understand the risks. Children must not play with the furniture. Children must not clean or maintain it without supervision.

Lithium-ion batteries carry a very small risk of a cell overheating, which can lead to a small fire and smoke.

If your furniture has a BP10 hand control or a CP003 charging point, these contain a magnet that can affect medical devices such as pacemakers. Keep a safe distance if required by your medical device's instructions.

If the battery is to be shipped, it must be packed and transported according to the applicable rules. Ask your carrier. Batteries charged above 30% must not be sent by air.

If the battery leaks

Remove a leaking battery from the furniture at once. Use plastic gloves when handling it. The contents can cause chemical burns and respiratory irritation. If you are exposed to the contents, wash with soap and water, and seek medical attention if irritation persists. In case of eye contact, flush the eyes with water for 15 minutes and seek medical attention.



Disposal

Do not dispose of the battery with household waste or in nature.
Take used or leaking batteries to a recycling centre
or a shop that accepts batteries.

Markings:
CE, FCC, IC

Manufacturer:

LINAK A/S, Smedevænget 8, DK-6430 Nordborg, Denmark. Produced by Greenway for LINAK. Made in China.