GB

Battery Pack BS-24 (item no: 16-000699)

Product description

The BS-24 is a rechargeable lithium iron phosphate ($LiFePO_4$) battery pack for electrically operated chairs and sofas. It lets you place your furniture freely in the room without a cable to a wall socket, which gives a tidy look and removes the risk of tripping over a cord. The pack can also be used together with the furniture's power supply: if the power supply stops working, power switches to the battery without interruption. A LED shows the charging status.

Technical data

Model	BS-24
Battery type	Lithium iron phosphate ($LiFePO_4$), 18650 cells
Nominal voltage	25.6 V
Capacity	2000 mAh (51.2 Wh)
Charging input	24-35 V
Charging time	Approx. 6 hours
Nominal discharge current	3 A
Max. momentary discharge current	5 A
Duty cycle	Max. 10%, max. 2 minutes continuous operation
Operating cycles per charge	Approx. 400 at 80 kg load, approx. 200 at 120 kg load
Charge/discharge cycles	300
Operating temperature	0-40 °C during charging and discharging
Humidity	65% ±20% RH
Storage temperature	Short term (under 1 month): -10 to 45 °C. Long term (under 6 months): 23 ±10 °C
Charge indicator	LED: red while charging, green when fully charged

Use and maintenance

Charge the battery fully before first use.
Use the battery indoors only, within 0-40 °C.
Check before use that the connector matches the furniture's control unit and is fitted correctly.
Operate the furniture for no more than 2 minutes at a time, and allow it to rest between operations.
If the battery hums, recharge it immediately.
After 3 months of storage, charge the battery fully, even if it is not used.
Do not exceed the battery's rated voltage or current.
Place the battery so there is air around it. Do not push it in between cushions or blankets.
Store in a dry, well-ventilated area.



Safety

Handle the battery with great care.
Do not throw or drop it, and do not expose it to strong vibrations.

Do not put a damaged battery into operation.

Do not disassemble the battery or expose it to fire.

Do not immerse it in water.

Do not cover the battery during charging or use.

Keep away from children.

Read all instructions provided with the battery before use.



Disposal

Do not dispose of the battery with household waste.
ake it to a recycling centre or a shop that accepts batteries.

Markings:

CE, UKCA

Manufacturer:

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