

Technical parameters

MODEL	KDLi26B
Related capacity	2600mAH
Max output voltage	29.0v
Min output voltage	29.0v
Discharge cut-off voltage	29.0v
Lifetime	Above 80% capacity retention rate after 300 times charge-discharge
Input terminal requirement	Use specified adaptor
Charge current (Using specified adaptor)	Constant current 0.35A
LED indicator	SOLID RED: Faulty / FLASHING RED: Charging / GREEN: Charged
Charging time	6 - 8 Hours
Working current	<5A
Operating temperature	0°C - 45°C
Storage temperature	0°C - 45°C (with 30% - 50% of the power)
Function for preventing overcharging	Yes
Over voltage protection	Yes
Short circuit protection	Yes
Low voltage alarm protection	Yes
Over discharge protection	Yes
Overload protection	Yes
Short circuit protection	Yes
Battery equalisation	Yes
Weight	560g
Dimensions (L x W x H)	175mm (L) x 90mm (W) x 50mm (H)

Further product documentation can be found at la-z-boy.co.uk/productguides or scan the QR code.



La-Z-boy

www.la-z-boy.co.uk

La-Z-Boy Battery Usage & Connection Instructions

For more information visit
www.la-z-boy.co.uk

La-Z-boy

Version 0126

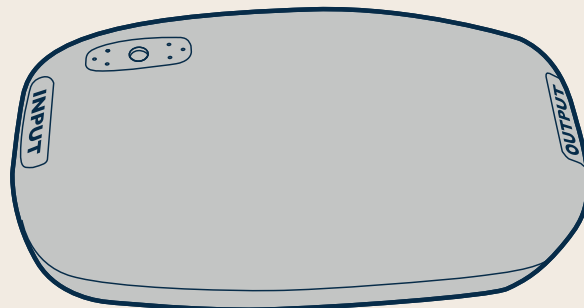
Contents

- 1 Overview
- 2 Battery diagram
- 3 Connecting your charger
- 4 Charging operation
- 4 Safety information
- 5 Technical parameters (back page)

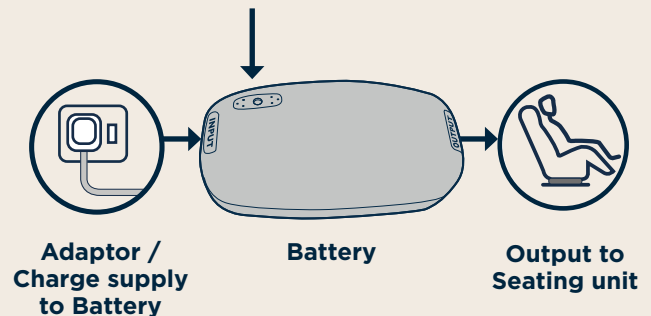
Overview

- This manual describes the technical specifications, transportation, storage and features of the lithium ion rechargeable battery pack.
- The battery pack is designed to supply power to the motor within a 20V to 29V range. Should there be a mains power failure, the battery can be connected the cable leading to the chair or sofa to allow continued operation.
- To recharge the battery, connect the transformer to the mains, and then the transformer to the battery.
- Should you need to place the reclining furniture in the middle of your room, away from any power sockets, then to avoid trip hazards, the recline function can be operated by the battery pack. A fully charged battery pack can provide power to recline and un-recline a 135KG load for approximately 200 cycles. This will vary depending on the weight of the user.

Battery Diagram



La-Z-Boy Battery MODEL KDLi26B

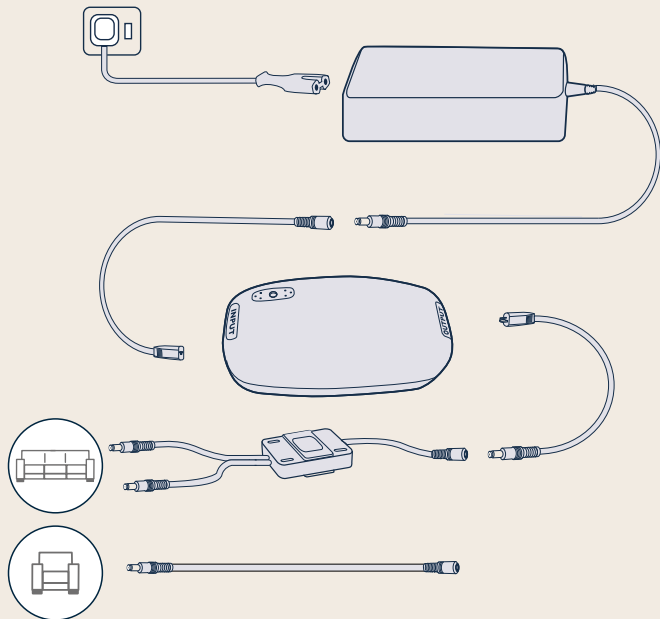
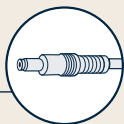


See overleaf for specific connection instructions >

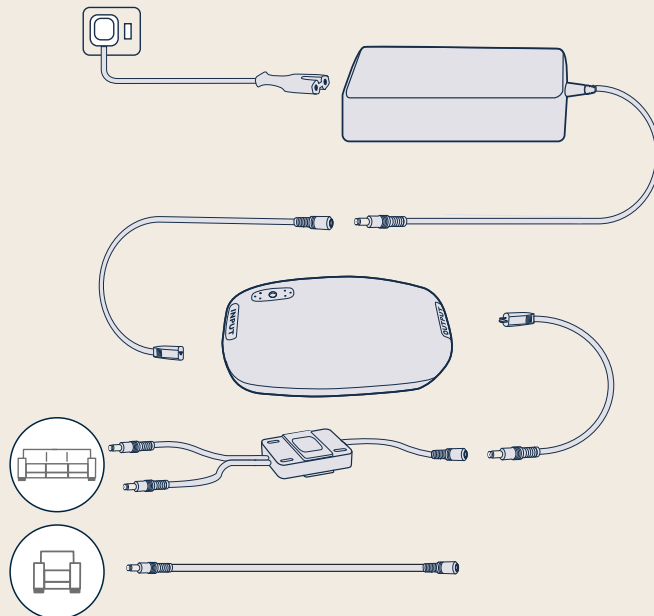
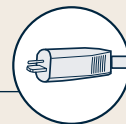
Connecting your charger

- Your La-Z-Boy chair or sofa is supplied with two different types of battery charging connectors depending on the model. Follow the diagrams below to determine the type and how to plug in your battery correctly.
- Your battery charger kit may also include an adaptor for use with more than one recliner mechanism.

TYPE A - Single Pin connector



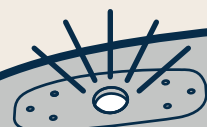
TYPE B - Twin Pin connector



Charging Operation

- When charging, the LED will flash red
- When fully charged the LED will turn green
- When the battery pack is powering the chair / sofa the LED will not be illuminated.

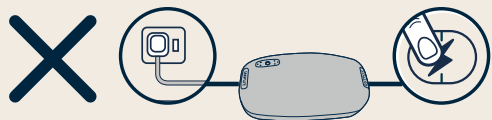
INPUT



Safety information

IMPORTANT

- Only connect the battery pack to motor with the leads supplied with the furniture



- We **do not** recommend connecting the battery in between the transformer and the sofa when connected to mains power and operating the recline function.
- Avoid repeatedly operating the recline function as this will reduce the lifespan of the battery.
- Charge the battery pack every two months at least. When the battery power is depleted, please recharge immediately.
- Please **do not** store the battery when discharged as this will shorten the lifespan of the battery.
- If the battery pack is connected to a product that has a standby mode, then the battery power will be depleted quickly. We recommend that the battery pack is disconnected if the chair or sofa is not to be used for an extended period.
- This battery contains 'over discharge' protection. An audible buzz will sound when this point is reached and the power will be cut automatically. When this happens, please charge the battery as soon as possible.

CAUTION

- **Do not** connect output and input of the battery pack directly.
- If the battery pack is unable to drive the motor due to lack of power or is in the over discharge protection state, disconnect the battery from the chair or sofa and charge the battery from the transformer.
- To charge the battery, you must use Kaidi or Kaidi authorised equipment. The use of non authorised equipment may damage the battery. Utilisation of La-Z-Boy provided equipment provided with your chair or sofa is acceptable.
- Please **do not** puncture, throw or stand on the battery pack, and never put it in a high-pressure container.
- Please **do not** open or try and fix the battery pack by yourself, otherwise injury may occur and your warranty will be void.
- Please **do not** put the battery pack close to a heat source and if storage is necessary, the storage space needs to be under 45°C.
- Li-Ion battery packs should only be transported by authorised carriers.
- Please keep the battery dry at all times.
- If the battery casing is damaged, or any smells occur, cease using it immediately and seek advice.
- Children are prohibited from using the battery pack.
- The battery pack should be disposed of via authorised recyclers.