

Troubleshooting

This chapter describes troubleshooting methods for fixing problems. If you experience an error that is not listed in this table, please contact your supplier.

Problem	Possible cause	Solution
Handset does not operate or chair / sofa does not function	Handset or drive system defective	Contact your supplier/dealer
	POWER PACK 1800 is discharged	Charge the POWER PACK 1800
Chair / sofa does not respond when control buttons are operated	The unit's fuse may have been triggered	Contact your supplier/dealer
	A cable has been disconnected (mains power or handset, slave drive)	Check the cables, if necessary restore contact
	POWER PACK 1800 is discharged	Charge the POWER PACK 1800
	Overload fuse has been triggered	Stop operating the system for 5 sec. and charge the POWER PACK 1800

Technical parameters

- Lithium-Ion Accu (li-Ion)
- Capacity: 1800 mAh
- Energy: 45 Wh
- max. voltage 30 V DC
- Output voltage: 25.2 V DC
- max. output current 5 A
- Acoustic signal: ≤ 23 V
- Temperature range 0 °C - 40 °C
- Charging time approx. 5 - 8 h (depending on charging state)
- Low weight: approx. 550 g
- approx. 300 charging cycles (depending on usage and operational conditions)

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



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www.la-z-boy.co.uk

La-Z-Boy Power Pack 1800 Instruction Manual

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

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Version 0126

Contents

- 1 Overview
- 2 Connecting your charger
- 3 Charging operation
- 4 Commissioning
- 5 Notes for operation
- 6 Safety information
- 7 Troubleshooting (back page)
- 8 Technical parameters (back page)

Disclaimer and exclusion of liability

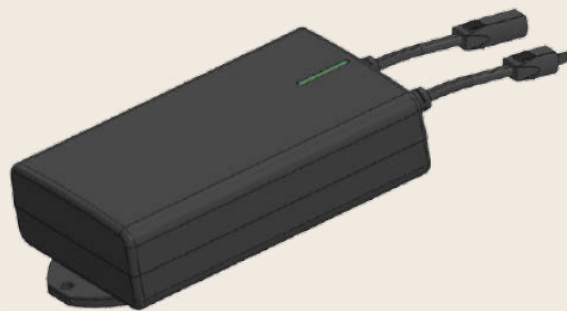
La-Z-Boy is not responsible for damage resulting from:

- failure to observe these instructions,
- changes made to this product which have not been approved by La-Z-Boy, or
- the use of replacement parts which have not been approved or manufactured by La-Z-Boy.

We reserve the right to make unannounced technical changes in the course of our continual product improvement process.

Overview

- Read attentively and follow this information carefully before handling the rechargeable batteries. Keep this document in a safe place.
- Be sure to follow the notices and information found on the battery and packaging.
- The **POWER PACK 1800** serves for mains independent power supply of electro motorical adjustable applications. **The POWER PACK 1800** has the following special features:
- The **POWER PACK 1800** is used as a power supply at power failure.
- To charge the **POWER PACK 1800** the **POWER SUPPLY PD21** with the appropriate country version is necessary.

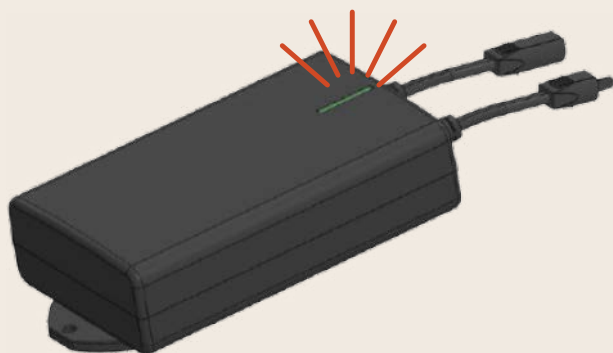
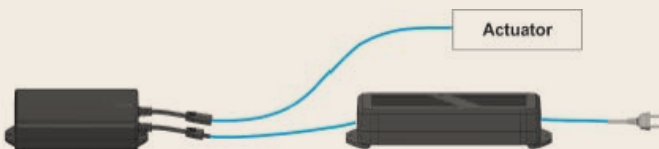
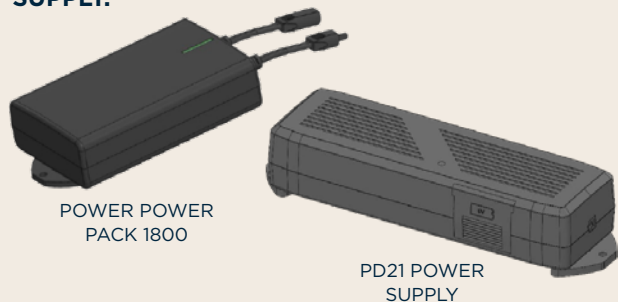


Important Features

- Very low self-discharge rate
- Short circuit proof
- Overcurrent switch off
- Deep-discharge protection
- Acoustic warning signal for low remaining charge
- Optical charge level indicator

Connecting your charger

As standard the **POWER POWER PACK 1800** is charged as needed with the **PD21 POWER SUPPLY**.



LED charge indicator:

- LED lights **red** - Battery is charging
- LED lights **green** - Battery is fully charged

NOTES:

Should the POWER PACK 1800 be used in combination with operating elements that have a power consumption at rest, such as touch sensors, RF-systems or Bluetooth-adapters it perhaps must be charged more frequently.

Charging Operation

Type of check / action	Explanation	Time interval
Recharging	To maintain battery performance	No longer than six months after date of manufacture.
Recharging during storage	Recharge during storage to maintain battery performance capability	At least every six months.

Charging the battery

- **Do not** set up the **POWER PACK 1800** in bath or shower rooms. The battery and charger are not splash proof.
- Only recharge the **POWER PACK 1800** at the temperatures given below: Charging temperature: from +10°C to + 40°C
- The **POWER PACK 1800** deliver their full capacity after 5-10 charge and discharge cycles.
- Exclusively use the **PD21 POWER SUPPLY** for charging the **POWER PACK 1800** and make yourself familiar with the operation of the device.
- Charging time of the **POWER PACK 1800** may take approx. 5 - 8 h.
- The red LED flashes during the charging process. When the battery is fully charged, the electronics switch to standby and the LED lights green. The green LED switches off after the **PD21 POWER SUPPLY** has been disconnected from the **POWER PACK 1800**.
- A green LED on the **PD21 POWER SUPPLY** indicates that it is connected to a power supply. The system can be operated/moved while it is being charged.

NOTES:

Due to the chemical reactions the POWER PACK 1800 warms-up during charging.

If the POWER PACK 1800 becomes very hot, the protective circuit is defective. In this case remove all connection cables of the drive / control unit and check the unit (POWER PACK 1800 and PD21 POWER SUPPLY) by an authorized technician or producer.

Commissioning

NOTE:

Charge the **POWER PACK 1800** completely before first use. This is necessary so that the maximum capacity can be reached. When the green LED switches off, the **POWER PACK 1800** is fully charged. The maximum battery capacity is now available.

Electrical components should be connected or disconnected only when the power supply cord is unplugged.

The **POWER PACK 1800** can then perform optimally when the product is being used at normal room temperatures from 18 °C to 25 °C. The operating temperature should never exceed 40 °C.

The acoustic low battery-warning built-in to the **POWER PACK 1800** is only active when the drive is moving!

It is possible that after long periods of storage, several cycles of charging and re-charging may be required to restore the performance of the **POWER PACK 1800**.

Connect the **POWER PACK 1800** to the **PD21 POWER SUPPLY** ensuring the correct connection port is used. The plug should fit securely in place.

Connect the **PD21 POWER SUPPLY** to the socket. During charging lights the LED red. If the charging cycle is complete and the **PD21 POWER SUPPLY** is disconnect from the socket the LED goes out.

Notes for operation

Acoustic warning signal

An acoustic warning signal indicates that the battery charge state is very low. The **POWER PACK 1800** must be charged.

NOTE:

If you do not use the sofa / chair for an extended period, disconnect the **POWER PACK 1800** from the control unit/drive system as well as from the mains supply. It should then be re-connected if you plan to use the sofa / chair again. This will prevent the battery from losing its charge in certain applications.

Deep-discharge protection

Acoustic warning signal

The switch-off voltage of the **POWER PACK 1800** is ≤ 22 V. If the actual voltage falls below this level, the **POWER PACK 1800** is disconnected from the system. If the battery voltage rises back up over the switch-off level, then it will switch on again. Otherwise, the **POWER PACK 1800** will remain switched off.

Optical charge level indicator

Red LED:

If the charger is connected correctly, the red LED flashes and the **POWER PACK 1800** charges. If the LED does not light up, check the connections. There may be a disconnection or malfunction.

Green LED:

The green LED switches on when the **POWER PACK 1800** is charged. It switches off when the **POWER PACK 1800** is discharged. The charging circuit switches to standby and the LED goes out. If the battery voltage falls below a certain level, the charging process resumes and the green LED lights up. the charging process resumes and the green LED lights up.

Safety information

CAUTION

Leaking batteries present a health hazard!

- Leaking battery fluid can injure your skin or eyes.
- The fluid is harmful when touched or swallowed.
- If you come into contact with battery fluid, clean the affected area with water and contact a doctor.
- The battery pack should be disposed of via authorised recyclers.

CAUTION

- If the housing or cable are damaged, the battery must be disposed immediately.
- **Do not** open or destroy the battery.
- **Do not** solder or weld at the battery or in the vicinity of the battery.
- Avoid contact with water.
- Use only by La-Z-Boy approved Chargers.

The **POWER PACK 1800** should not be used:

- in any environment where combustible or explosive gases or vapours (e.g., anesthesiology) may be present,
- in the proximity of open fires or other heat sources (such as furnaces, ovens or direct sun- light),
- in any application that will be cleaned with an automated washing system,
- in a moist environment,
- as a power source for toys or games.

The **POWER PACK 1800** can be used by children of 8 years and older, persons with reduced physical, sensory or mental capabilities, or persons with lack of experience or knowledge when they are supervised or instructed concerning the safe use of the device and when they understand the resulting risks.

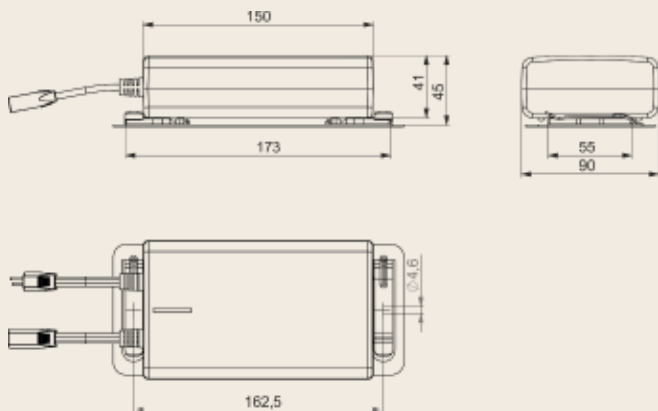
Do not allow children to play with this device. The cleaning and user maintenance must not be carried out by children without supervision.

NOTES:

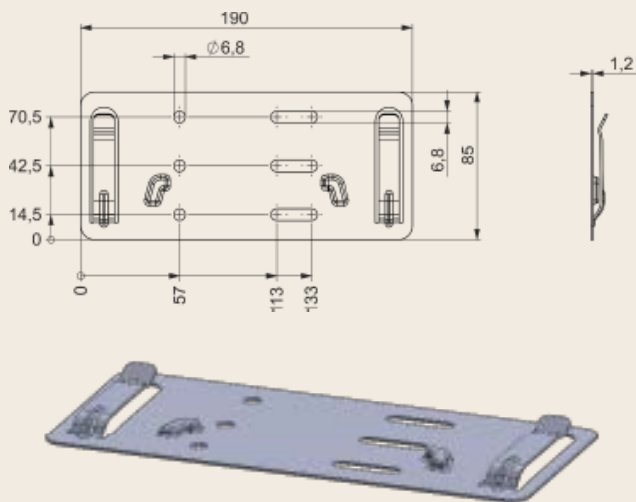
Improper storage can reduce the performance of your battery or damage it beyond repair.

Dimensions

Dimensions of **POWER PACK 1800**



Mounting plate (options)



Cleaning and care

The **POWER PACK 1800** is maintenance free.

- 1 Be sure to unplug all connecting cables before you begin cleaning it!
- 2 Clean the **POWER PACK 1800** as needed using a dry, antistatic cloth.
- 3 Be sure that you do not damage the connecting cables during the cleaning

NOTES:

Never clean the POWER PACK 1800 in an automated washing system or with a high-pressure cleaner. Do not allow fluids to penetrate the lighting. Damage to the system could result.

Do not use a cleanser that contains benzene, alcohol or similar solvents.

Disposal

The **POWER PACK 1800** consists of electronic components, cables and metal and plastic parts. You should observe all corresponding national and regional environmental regulations when disposing of the system.

The **POWER PACK 1800** should not be disposed of with normal household waste.

