

BATTERY PACK INSTRUCTIONS

Caution *READ THIS FIRST*

- a. Carefully read these operating instructions prior to using the unit.
- b. Ensure that every person involved in the use, connection or installation of the operating of the device has been sufficiently instructed and always has access to these operating instructions.
- c. During the operation, watch out for unusual noises. Deactivate the system in the case of unusual occurrences.
- d. Battery packs should always be protected against high levels of humidity and splashing water.
- e. Keep battery pack away from fire.
- f. Do not open or modify the battery pack.
- g. Protect the battery pack against severe power surges or mechanical loads. Do not operate the battery pack in the case of visible damage to the housing or cable.
- h. Children should not use the battery pack. Both during storage and operation ensure that the battery pack is not accessible to children.
- i. Damaged cables or devices may be replaced or repaired only by the manufacturer or qualified persons.
- j. Do not store the battery pack in locations in which the temperature is 50 °C (122°F) or higher (e.g., vehicle interior at high outside temperatures, etc.).
- k. The battery pack may be charged only at an ambient temperature ranging from 0 °C (32°F) to 40 °C (104°F).
- l. Do not cover the battery pack while charging.

Battery Pack Features

The battery pack consists of 24V / 2.3Ah lithium-Ion rechargeable batteries. The battery pack can provide up to 150 complete cycles (upright/recline/upright) with load of 80kg (175 lbs). Number of cycles will decrease or increase depending on load.

LED Indicator

Red LED: FLASHING red LED indicates charging.

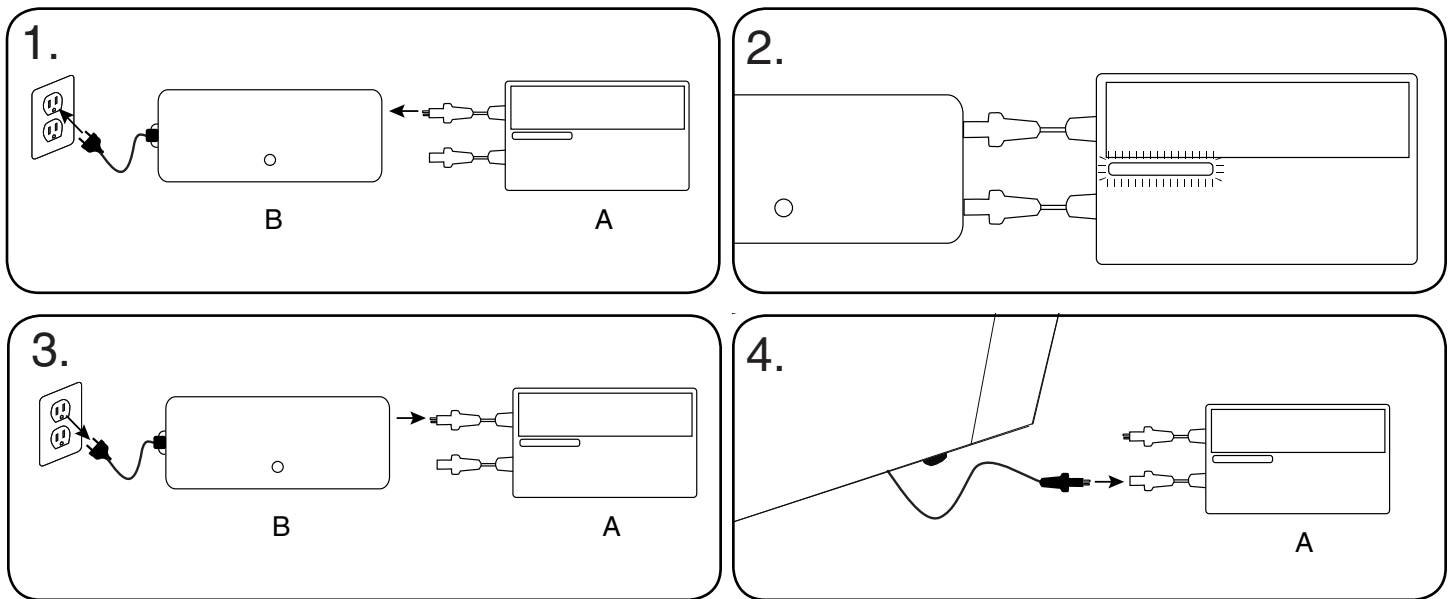
Green LED: SOLID green LED means the battery pack is fully charged (8 hours). Green light goes out when Battery pack is plugged into chair, or is in standby mode.

The battery pack must never be fully-drained. **For this reason, the battery pack, when unused, should always remain connected to the transformer to ensure full capacity.**

Specifications

- Nominal capacity (average) 2300mAh
- Minimum capacity: 1800mAh
- Rated Voltage: 25,2V
- Cycle capacity: 80% residual capacity after 300 cycles
- Input charge voltage: 24V-32VDC
- Cell-end voltage: The lowest unit cell voltage less than 2.6V
- Maximum output current: <5A DC
- Output cut-off current: 10A
- Acoustic signal at 23V
- Dimensions: 150mm(L) X 90mm(W) X 40mm(H)
- Weight: 550g
- Feature Single-cell protect circuit

Charging & Use



1. Connect the battery pack (A) to the transformer (B) (supplied with furniture). In some cases the transformer may currently be mounted underneath the seat and will need to be detached from the frame by removing the ties currently securing it in place. Plug transformer (B) with battery pack (A) into 120V outlet.
2. LED flashes RED when charging. SOLID GREEN LED indicates fully charged.
3. To disconnect from charging, first unplug the transformer (B) from 120V outlet. Then, disconnect the battery pack (A) from the transformer (B).
4. Plug the battery pack (A) into the power recline cable in place of the Power transformer.

FAQ's

Q: How often should I charge the battery pack?

A: The batteries should be recharged after 150 cycles or every two weeks. Recharge for a minimum of 8 hours.

Q: Where should I position the battery pack while it is plugged in to the furniture?

A: The battery pack should be positioned 1' behind the furniture. Ensure that the battery pack does not interfere with the furniture recline movement, and that all cables are neatly secured so as to not get pinched in the mechanism. Allow sufficient cable to prevent the battery pack from being 'dragged' across the floor during the recline cycle (this can cause the Battery pack to become disconnected).

Q: Can I charge more than one battery pack at a time off of one Transformer?

A: No, only charge one battery pack per transformer.

Q: Can I use the battery pack (leave it plugged in, and operate the furniture) while charging?

A: Yes.

Q: My furniture will not be used for an extended period of time (over one month). What should I do with the battery pack?

A: The battery pack, when unused, should always remain connected to the transformer to ensure full capacity.