HOUSTON

Swivel Recliner & Footstool

ASSEMBLY INSTRUCTIONS

T: 01291 645080 I F: 01291 645099
E: SALES@GFA.UK.COM I W: WWW.GFA.UK.COM

STOP! IMPORTANT:

Please read this manual carefully before beginning assembly of this product.
Keep this manual for future reference.

Use the product only in a way specified under instruction manual.
Incorrect usage voids product warranty.

FIRE RETARDANCY

GFA's leathers/bonded leathers/PUs/fabrics meet the requirements of BS5852 Part 1 Source 0 (Cigarette) Ignition Source 1 (Match) as laid out in the UK Furniture and Furnishings (Fire)(Safety) Regulations 1988 with amendments in 1989, 1993 and 2010.

IMPORTANT

This product is designed to seat people up to a maximum of 115kgs (18 stone)

Check and re-tighten parts/nuts & bolts every three months

Please retain these instructions for future reference and in case of any queries, please quote the following batch number to your retailer.
(The batch number is also located on the underside of the seat pad or footstool pad)

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SAFETY INFORMATION

WARNING:

This item contains small parts which can be swallowed by children and pets. Keep children and pets away during assembly.

To avoid danger of suffocation, always keep plastic bags away from children and pets.

We recommend that you assemble this unit on a carpeted floor to avoid scratches.

We do not recommend the use of power tools for assembly as this could damage the unit. Only use manual tools.

CARE INSTRUCTIONS

Wipe regularly with clean water and a damp, clean, soft white cloth

General cleaning can be done as needed with a mild detergent and water solution. Always rinse with clean water and dry

For heavy soiling, dampen a soft white cloth or soft bristle brush. Use care as scrubbing can damage the surface

More difficult stains can be treated, but this should be occasional, not daily, cleaning

ANY cleaning solution used must be removed with clean water and a clean white cloth

Cleaning residue left on the material can cause it to dry out and crack, or affect the colour

WARRANTY

Thank you for purchasing a product from Global Furniture Alliance. These products have been made to demanding, high-quality standards and are guaranteed for domestic use against manufacturing faults for a period of 12 months from the date of purchase.

This warranty does not affect your statutory rights.

We reserve the right to repair or replace the defective product, at its discretion.

This product is guaranteed for 12 months if used for normal purposes. Any warranty is invalid if the product has been overloaded or subject to neglect, improper use or an attempted repair by other than an authorized agent. Heavy-duty or daily professional/ commercial usage are not guaranteed.

Due to continuous product improvement, we reserve the right to change the product specifications without prior notice.

HELP WITH ASSEMBLY

For any assistance with assembly, please contact Global Furniture Alliance on **01291 645080** - **Option 2**
or email **service@gfa.uk.com**

Alternatively you can go to the following websites:-

- www.youtube.com (YouTube Channel - Global Furniture Alliance)
- www.gfa.uk.com (Product Ranges - Assembly instruction Videos)

For any missing/damaged parts, please contact your retailer

PRE ASSEMBLY INSTRUCTIONS

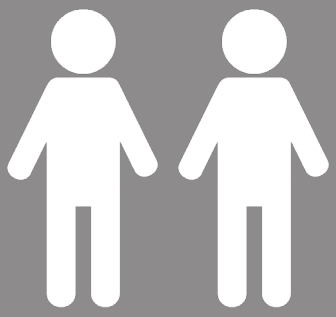
Identify all the parts and hardware.

Do not discard of the packaging until you have checked that you have all of the parts and hardware required.

Hardware package may have spare parts.

What you need

30
MINUTES



2
PEOPLE

0
EXTRA TOOLS

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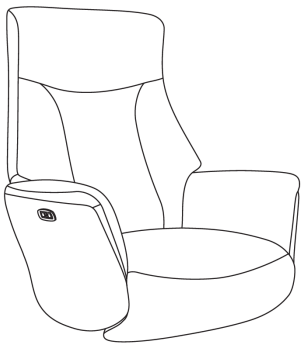
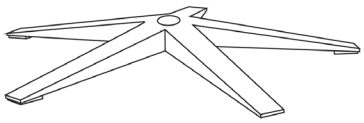
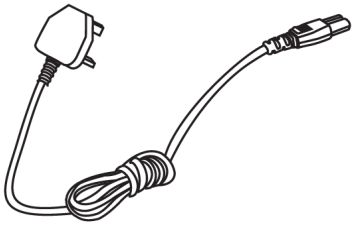
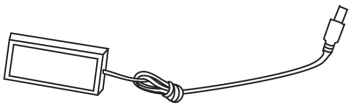
HARDWARE DESCRIPTION

A  Whole Seat Qty1	B  Chair Legs Qty1	C  Chair Spindle Qty1
D  Power Supply Cord Qty 1	E  Battery Charger Qty1	

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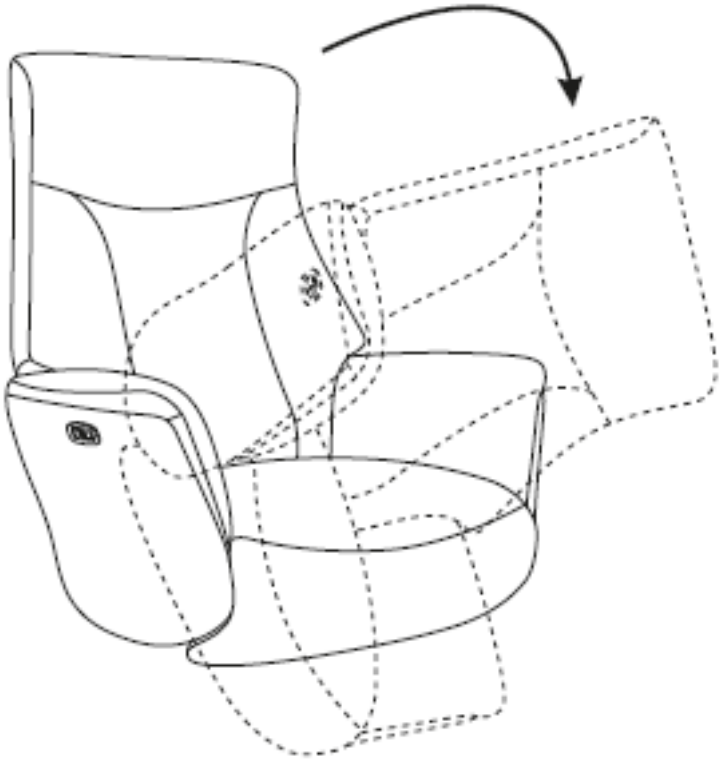
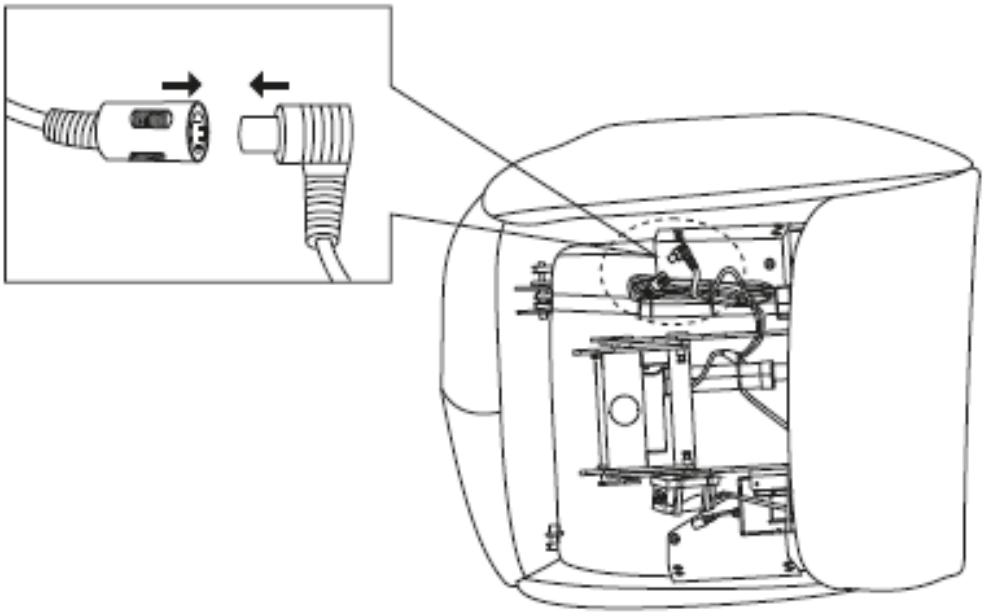
CHAIR ASSEMBLY

STEP 1



STEP 2



Lay the chair on it’s side and insert the plug as shown on the diagram

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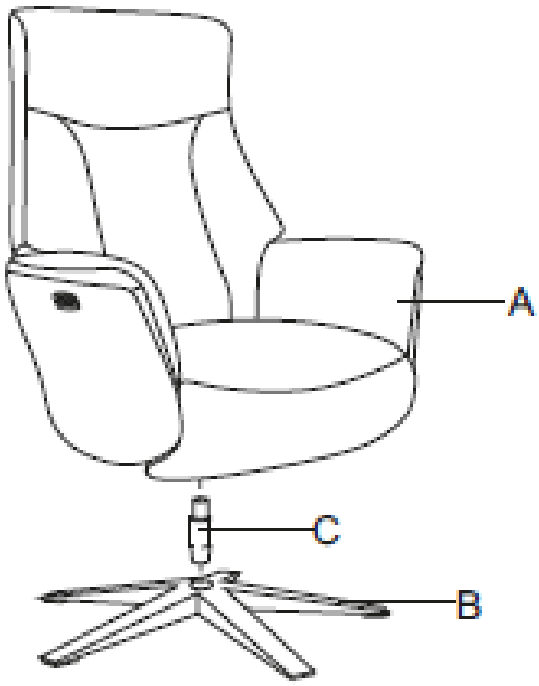
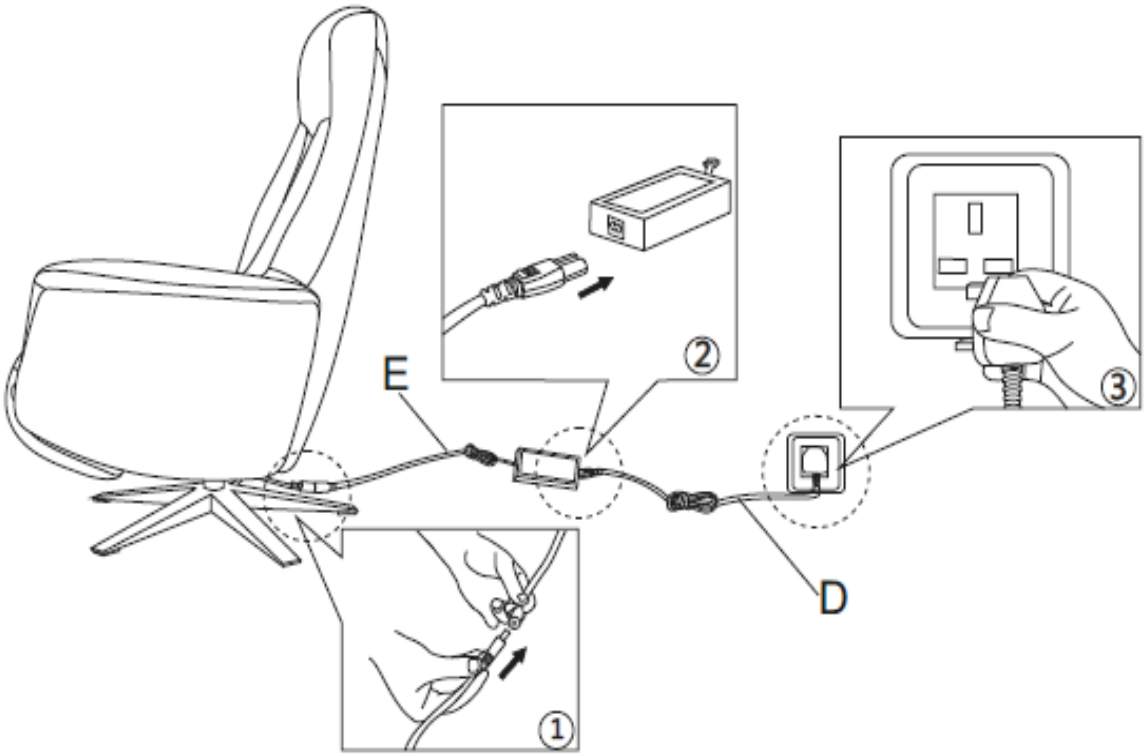
CHAIR ASSEMBLY

STEP 3



STEP 4

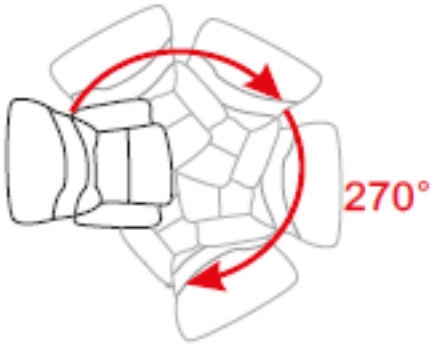
Be sure to charge the battery first, before using the chair.



CAUTION: Disconnect AC adapter from power pack once charging cycle is complete

CHAIR ASSEMBLY

STEP 5



NORMAL CHARGING PROCEDURE

1) Connect the power pack to the charger ensuring the correct port is used. The plug should fit securely in place.

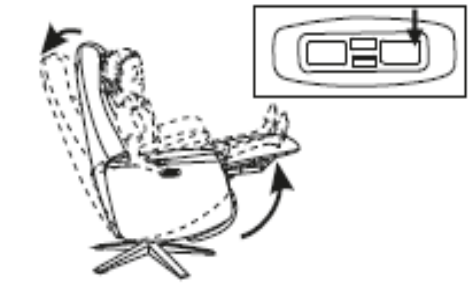
2) Connect the mains power cable to the charger and plug the unit into the wall. The chargers LED light will turn on and show RED. The LED light may initially flash during the first few minutes of charging but should become solid RED as the charging process initiates.

3) Once the power pack is fully charged, the LED light will turn GREEN indicating the charing cycle is complete. Typical charging time may take approx. 3-6 hours.

4) To prevent damage to the battery and to prolong the life of the battery, disconnect the charger once the charging cycle is complete. Additionally, only use the charger specified by OKIN Refined.

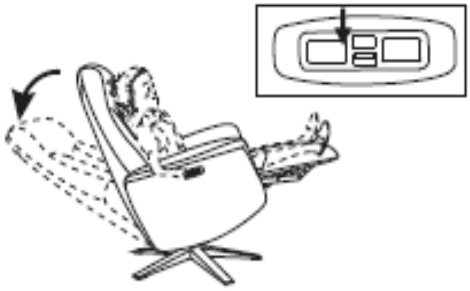
USER GUIDE

1.



Raises ottoman

2.

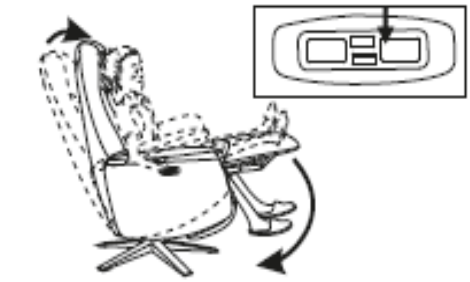


Recline chair

3.

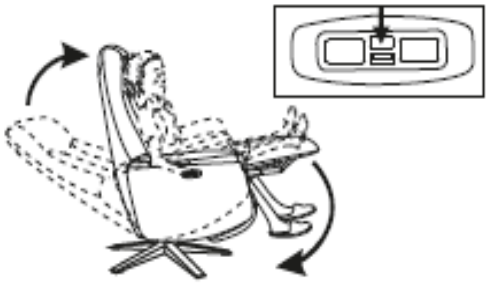
Return to upright position

4.



Stow ottoman

5.



HOME: Return to the upright position and stow the ottoman at the same time

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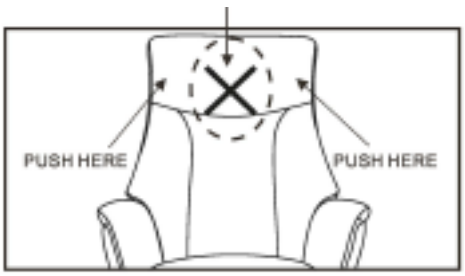
USER GUIDE

HOW TO ADJUST THE HEADREST

Grip the backside of the headrest and pull forward from both sides as shown

DO NOT pull from the side edges as the material may tear

To adjust the headrest backwards, push on both sides or use forearm to evenly move the headrest



CAUTION: Do not push in the centre of the headrest as this may cause the cushion to collapse

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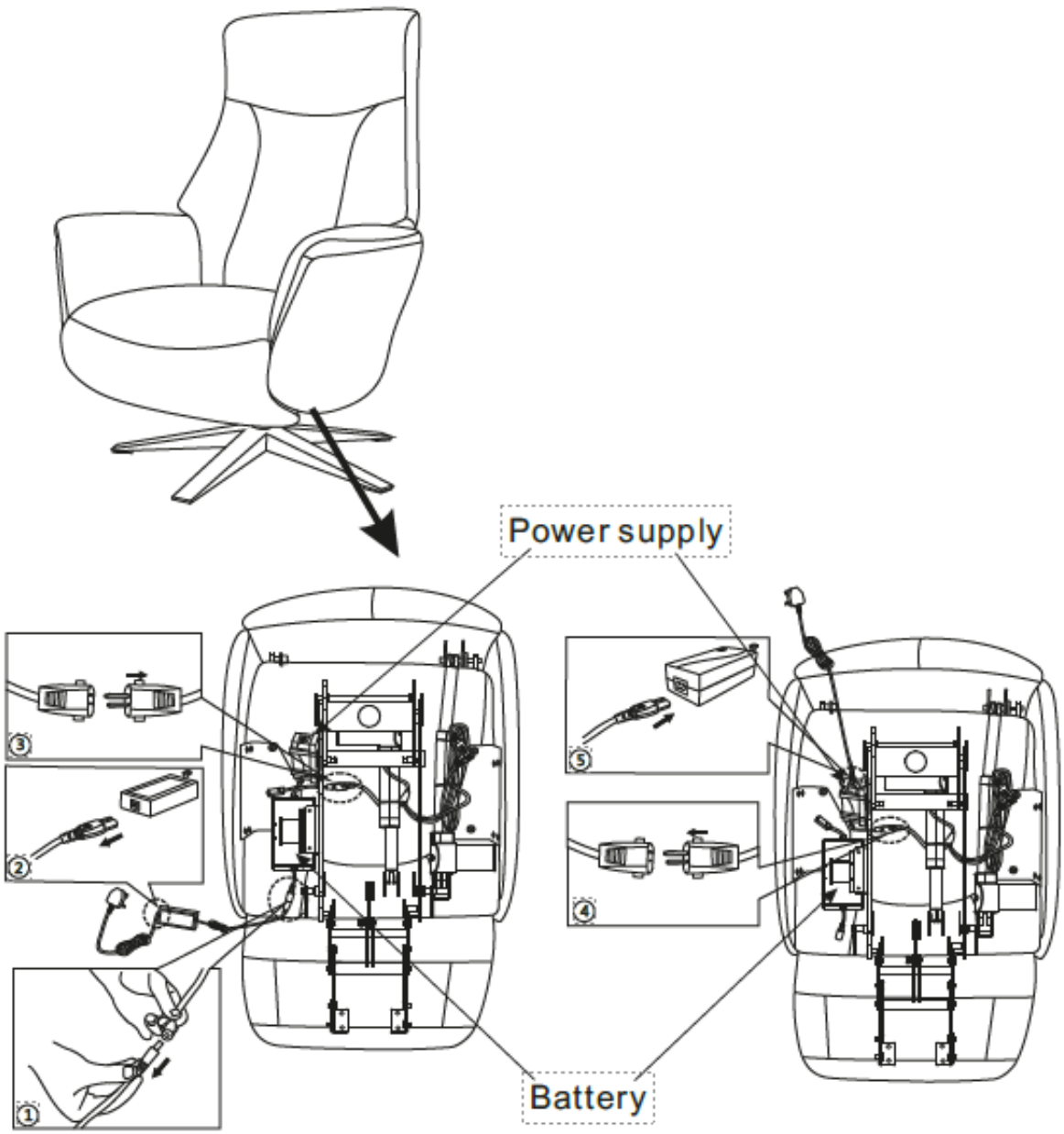
USER GUIDE

HOW TO CHANGE POWER SUPPLY FROM BATTERY TO TRANSFORMER



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USER GUIDE

1. GENERAL PRODUCT INFORMATION

The Battery Pack MC160 is a power supply and and consists of 7pcs standard 3.6V(18650 rechargeable Li-batteries to control PCB. It was developed for use in upholstered furniture for an “off the Power-Grid” operation of electrically adjustable beds and chairs. This device should only be used with the linear drives made by limoss and its representatives. The use of battery packs as a power supply for other motors or loads, as well as the installation in other applications, is NOT recommended and will require limoss written approval for continuation of warranty.

The units may be installed and commissioned only by skilled and correspondingly qualified personnel.

2. SAFETY INSTRUCTIONS

Please carefully read and follow the instructions to ensure the safe use of the battery pack. Nonobservance of the safety instructions may cause considerable damage.

KEEP OPERATING INSTRUCTIONS IN A SAFE PLACE.

- Read these operating instructions carefully prior to using the unit.
- 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.
- When passing on the battery pack to third parties please ensure to include this documentation.
- During the operation, watch out for unusual noises and uneven functioning. Deactivate the system in the case of unusual occurrences.
- To prevent the accidents from a short-circuiting, it is not allowed to put any metal objects to the contact of the battery terminals

- Do not expose the battery pack to mechanical shock.
- Do not charge the battery overnight, the battery need to be charged under monitor.
- The battery is fully charged when its been delivered to our customer, it can be stored for two years, charging the battery pack every 50-60 days with limoss SMPS is recommended or the battery pack might be damaged.
- We do not recommend the use of batteries with a production date over 5 years, its better FiFo storage to avoid storage aging.
- If the battery falls and is damaged, we do not recommend that you continue to use it.
- Dipping the battery pack into water or other fluids must be avoided at all times. Battery packs without corresponding protection category should always be protected against high levels of humidity and splashing water.
- Storing or operating the battery pack in areas subjected to explosion hazards is prohibited.
- The battery pack must be kept away and protected from fire.
- Opening as well as any modification and remodeling of the battery pack are prohibited and may onlybe performed by trained specialists.
- Great care must be taken to ensure the correct polarity.
- Never short-circuit the battery pack. It may overheat and cause burns due to excessive current flow.
- Always operate the battery pack exclusively in accordance with this documentation and these specifications.
- 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.
- Children should not use the battery pack. Both during storage and operation ensure that the battery pack is not accessible to children.
- Damaged cables or devices may be replaced or repaired only by the manufacturer, its customer service or other qualified persons.
- If you want to the clean the device, you must interrupt the electrical supply. The device may be cleaned only with a dry to slightly moist cloth.
- The battery pack may only be loaded and / or operated with spare parts made by limoss, which meet the battery pack's input specification. The use of other power pack is prohibited and may result in personal injury or property damage.
- Operating the battery pack with other than recommended auxiliary devices might cause fire, electric shock and personal injury.
- Storing the main adapter and the battery pack in locations in which the temperature may rise to ≥50 °C is prohibited (e. g., vehicle interior at high outside temperatures, etc.). Noncompliance will result in impaired performance.
- The battery pack may be charged only at an ambient temperature ranging from 0 °C to 40 °C.

- The charging cable from the battery pack and the power pack may not be excessively overloaded and must be kept away from heat and sharp edges. It is prohibited to carry devices by the cable.
- The battery pack may be charged only in a well-ventilated location.
- It is prohibited to cover the battery pack and power packs with a cloth or similar item during the charging process.
- It is prohibited to dispose of the battery pack as general domestic waste. The device must be disposed of through government-specified locations. The separate disposal and collection of old battery packs serves to prevent environmental health hazards

  For detailed information on the disposal of old battery packs, please contact your community or waste disposal service.

3. INITIAL COMMISSIONING

Please charge your battery pack completely before its initial use. This is vitally important in order to achieve maximum charging capacity. Only then you will be able to use the battery pack at its maximum.

4. DISCLAIMER & EXCLUSION OF LIABILITY

Limoss is not responsible for damage resulting from:

* Failure to observe these instructions, changes made to this product which have not been approved by limoss or the use of replacement parts which have not been approved or manufactured by limoss.

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

5. CHARGING & DISCHARGING

- Red LED flashing, when power pack is charging and the voltage of the integrated battery pack is lower than 28.3V±0.5V. Flashing frequency is 1HZ/time. The charging current is 400mA±100 mA.
- Changing current of the integrated battery pack is 0 mA.LED turns green.
- Power pack can sustain power about 40 minutes, if power pack discharges under nominal load3.0A (about 150 times of actuator working cycles).
- Power pack working cycle should be 2 min_on18 min off, if power pack discharging current reach 5.0A.
- The max instant current is 10A, if discharging time is ≤500ms.
- Power pack alarms, when power pack is under working status and the voltage of the integrated battery pack is lower than 23V±0.5V. That means the power pack batterys low. Power pack needs charge (suggest stop working)
- While the voltage of integrated battery pack is lower 18V±0.5V, it will be cut off. *This is to protect the battery does not damaged from over discharge*
- Charging and discharging cycle is 300 times.

6. MAINTENANCE

- Do the following at regular intervals for the housing, cables, and connector of the battery pack:
  - o Remove dust and dirt with slightly damp cloth
  - o Make visual inspection by checking for mechanical damage and wear. With regular use, the battery pack's maintenance intervals should not exceed six months
  - o Check for correct connection and operation
- Except as expressly recommended by the manufacturer, the unit's inner parts require no maintenance.
- The battery pack contains lithium-Ion rechargeable batteries that must never be deep-discharged. For this reason, the battery pack, when unused, should always remain connected to the power pack to ensure full capacity during the next use of the battery charger. Integrated electronics prevent overcharging of the batteries and switching to 'compensation charge'.
- The batteries must be fully loaded every 3 months in order to prevent deep discharging. A deep discharge can destroy the battery.
- An integrated beeper signals the low charge state during operation. The battery pack should be recharged immediately

Caution!

Observing the safety instructions in the instruction manual is mandatory!

7. TECHNICAL DOCUMENTATION

Generally, the battery pack may be operated only in connection to the application designated for limoss systems. Please consult the nameplate on the power pack housing for mains connecting data. Please consult our technical team, if components of other manufacturers are used.

Caution!

The battery pack is designed for indoor applications. The following ambient conditions must be maintained.
Charging: 0 °C (32 °F) to 40 °C (104 °F)
Storage: -20 °C (-4 °F) to 40 °C (104 °F)
Air humidity: 20 – 85 %
Devices with special types of protection are appropriately identified in the nameplate.

8. SPECIAL EQUIPMENT

8.1. Over Charge
Power pack shut off automatically, when the charging voltage of the integrated power pack is higher than 29V±0.3V, or the charging voltage of battery cell is higher than 4.3V,LED turns green. Power pack stops charging.

8.2. Over discharge
When the discharging voltage of integrated power pack is lower than 18V±0.5V, or when the voltage of any one of battery cell is lower than 2.5V, power pack will shut down automatically.

8.3. Over Current
The max output instant current of power pack is between 17.5A and 21A, if over this range, power pack will cut off immediately. When return to normal loading, Power pack can recover after cool down and recharge.

8.4. Short Circuit
Power Pack will cut off at once, when Power Pack short circuit. It will protect the electrical equipment and itself not to be damaged by over current. Power pack can recover once faulty released and charge in advance.

SAFETY NOTICES

	**CAUTION: Leaking batteries present a health hazard and can cause burns to skin and eyes. Battery 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**
	**CAUTION:** **Keep batteries out of reach of children**
	**CAUTION: Do not open or destroy the battery in any way. Do not expose the battery to heat or to an open flame. Do not solder or weld in the vicinity of the battery**
	**CAUTION:** **Do not short circuit the battery**
	**CAUTION:** • **Immerse the battery in water** • **The battery should not be exposed to mechanical vibrations** • **Improper storage can reduce the performance or permanently damage the battery**
	**NOTICE:** **The power pack must be charged within six months of the production date and/or charged immediately upon delivery and then after six months of storage. For some drive systems, a minimal level of current may flow even when the drive is not being used. After a prolonged period this can lead to a severely low charge on the battery that may reduce the performance or permanently damage the battery.**
	**CAUTION:** **The connection cable for the battery should be disconnected from the control unit or drive if the system will not be used for an extended period of time. This will reduce the rate at which the battery will lose its charge.**
	**The battery should be disposed of properly. Do not dispose with normal household waste!**