

# nickscali

## AFTERMARKET LITHIUM ION BATTERY PACK USER GUIDE

TYPE :	KDDY022A-2600
PART NO :	25.2V / 2600mAh
DESCRIPTION :	2600mAh Li-ion Battery



No.	Item	Parameter	Remark	
1	Rated Capacity	2600mAh		
2	Nominal Voltage	25.2V		
3	Charge Voltage	29.4V		
4	Discharge End Voltage	21V	About	
5	Charge Method	CC-CV	Constant Current/Constant Voltage	
6	Charge Current	<1.3A		
7	Continuable discharge Current	2A		
8	Max discharge Current	5A	Duty Cycle: Max 10%, Max 2min/18min	
9	Max charge Current	1300mA		
10	Operation Temperature	Charge	0°C~40°C	
		Discharge	0°C~40°C	
11	Storage Temperature	-20°C~45°C		
12	Transport Temperature	-20°C~60°C		
13	Relative Humidity	≤ 85%		
14	Pack Weight	560g	About	
15	Pack Dimension	Thickness	50MM	About
		Width	90MM	About
		Length	175MM	About

# Care Instructions & Trouble Shooting Guide

## Storage:

Batteries should be stored at an ambient temperature of 20±5 °C in a clean, dry and ventilated room. Batteries should avoid contact with corrosive substances, should stay away from fire and heat and the battery should be charged once every two months during storage to maintain its performance.

## Care Instructions:



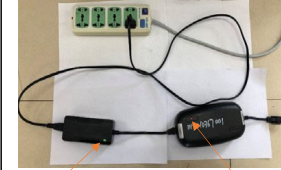
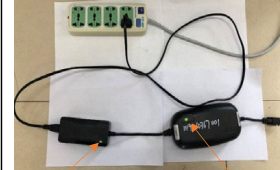
- Do not disassemble the battery - There is a protective mechanism and protection circuit to avoid danger inside the battery. Improper disassembly will damage the protection circuit, which will cause the battery to heat, smoke, or catch fire.
- Do not connect the battery's positive and negative with metal, also do not store or transport the battery together with metal. If the battery is shorted it will cause damage to the battery, and quite possibly cause the battery to heat, smoke, or catch fire.
- Heating or burning the battery will melt the separator, security features will be damaged and the electrolyte will burn. Overheating will cause the battery to generate heat, smoke, or catch fire.
- Avoid using the battery near a heat source as it may cause damage to the internal battery protection circuit function and an abnormal chemical reaction may occur resulting in the battery generating heat, smoke, or catching fire. Do not expose batteries to heat or fire, avoid storage in direct sunlight.
- Do not wet the battery and do not immerse the battery in water. As it will cause damage occur resulting in the battery generating heat, smoke, or catching fire.
- Use the dedicated charger and charge correctly. Follow the instructions below on a guide to charging.
- Use of a non-dedicated charger to charge the battery, creates the risk of damage to the battery. A non-dedicated charger may cause damage to the internal battery protection circuit function and an abnormal chemical reaction may occur resulting in the battery generating heat, smoke, or catching fire. Under normal conditions charging the battery with the supplied charger will not cause damage to the internal battery protection circuit function.
- It is prohibited to use any tool to damage or tamper with the battery. Hammering or other mechanical methods damaging the battery will most likely result in the battery heating, smoking or burning, or even becoming dangerous.
- Avoid any direct contact with a leaking battery. Electrolyte leakage can cause skin irritation. Do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Seek medical advice immediately if a cell or battery has been swallowed.
- Do not ever dismantle, open or shred cells. Batteries should be dismantled only by trained personnel. Multicell battery cases should only be opened by trained personnel.
- Do not ever short-circuit a cell or battery. Do not store cells or batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
- Always observe the polarity marks on the battery and charger to ensure correct use.
- Please ensure that each recliner chair which is operated by a Battery Pack:
  - (a) is not opened and closed in rapid succession. Doing so is likely to overheat the Battery Pack and cause it to fail; and
  - (b) has its own Battery Pack installed. Each recliner must have its own battery pack. The use of splitter cables to operate two or more recliner chairs is likely to overheat the Battery Pack and cause it to fail.

## Trouble shooting

If you experience any of the issues described below, please take the steps outlined for each issue before contacting the Nick Scali service department or making a claim under this warranty.

1. You have charged the battery overnight but the Battery Pack is not operating:
  - (a) Please check whether the LED light on the Battery Pack is green, which indicates that the Battery Pack should be operating normally.
  - (b) If there is no green light or the LED light is not working, please check the connection between the transformer and the battery. Press firmly onto the terminal to ensure an adequate connection.
2. The Battery Pack has discharged very quickly:
  - (a) Please do not use or charge the battery for 2 hours and then charge the Battery Pack for 6-8 hours.
3. The battery is beeping:
  - (a) Please connect the charger and charge the Battery Pack for 6-8 hours. A protection circuit in the Battery Pack will sound an alarm for 30 seconds to indicate that the battery needs to be charged.

# Charging/User Instructions

		 <p>Green Light      Red Light</p>	 <p>Green Light      Green Light</p>
<p><b>To Charge:</b> Prepare one KD charger, one battery pack, one AC power cable and one socket.</p>	<p><b>Connection Order:</b> Connect the output line of KD charger with the input socket of battery pack, and connect the AC power cable with the AC terminal of KD charger.</p>	<p><b>To Start Charging:</b> When the AC power cable is plugged into the power socket, the KD power indicator lights up green and the battery pack lights up red. Charging starts.</p>	<p><b>To Stop Charging:</b> When the indicator light of the battery pack turns green, it indicates that the battery pack is fully charged. At this time, AC power cable must be pulled out from the power socket to stop charging.</p>

# Lithium Ion Battery Packs – Nick Scali Warranty Information

## Lithium Ion Battery Packs – Nick Scali Warranty Information

Our goods come with guarantees that cannot be excluded under the Consumer Rights Guarantees Act 1993 (CGA). You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Further details of your consumer rights may be found at [www.consumerprotection.govt.nz](http://www.consumerprotection.govt.nz)

### Warranty against defects

1. The benefits given to you by this warranty are in addition to other rights and remedies which you may have under law, including under the CGA. Should your Battery Pack be defective, you may choose to make a claim under the CGA or this Nick Scali Warranty Against Defects.

### Warranty period

2. Unless otherwise specified in writing by Nick Scali (e.g. in a Sales Order) and subject to the other terms of this warranty, Nick Scali warrants that any Lithium Ion Battery Pack supplied by Nick Scali to you (the **Battery Pack**) will be free from manufacturing defects for a period of 12 months from the date of purchase (the **Warranty Period**).

3. To be entitled to claim under this warranty, the defect in the Battery Pack must appear within the Warranty Period.

### Exclusions (subject to the CGA)

4. To the maximum extent permitted by law, and subject to the CGA, Nick Scali Limited is not liable under this warranty for or in respect of:

4.1 any defect that is unrelated to the condition of the Battery Pack at the time it was supplied to you, including damage or faults caused by: improper transportation, storage or installation of the Battery Pack after the date of purchase;

(b) modification, alteration, disassembly or attempted repair of the Battery Pack by a person other than, or authorised by, Nick Scali;

(c) external influences during the life of the Battery Pack, such as fire, water damage or power surges in a premises;

4.2 the failure of the Battery Pack to operate on a single charge for any length of time before it requires recharging. Because of many variables, such as the nature and use of the recliner in which the Battery Pack is installed, Nick Scali is unable to guarantee that the Battery Pack will operate for any particular period before it requires recharging;

4.3 minor issues in the Battery Pack which do not substantially interfere with the ordinary use of the Battery Pack for powering recliner movements.

For example, if the Battery Pack is fitted with a LED indicator (which emits particular lights when it is operating or charging), the failure of the indicator to emit any lights does not amount to a manufacturing defect for the purposes of this warranty;

4.4 any damage or faults caused by the failure to use the Battery Pack in accordance with the care instructions, or the failure to take reasonable steps to prevent the problem, or abnormal use of the Battery Pack; and

4.5 any loss or damage suffered by you or any other person in connection with the goods which is not expressly covered by this warranty including, but not limited to, indirect and consequential loss (subject to any other rights you may have at law).

5. This warranty is not transferable. It is limited to the original purchaser specified in the original Sales Order.

6. This warranty only applies to the Battery Pack if it is used for normal domestic purposes and excludes Battery Packs used for commercial purposes.

### How to make a claim under this warranty

7. To claim under this warranty, you must:

7.1 cease using the Battery Pack immediately after the defect appears;

7.2 notify Nick Scali within 7 calendar days after the defect appears; and

7.3 provide Nick Scali with a copy of the original Sales Order or tax invoice.

8. To make a claim, you can [lodge a service ticket on our website \[www.nickscali.co.nz/raise-a-service-ticket\]\(http://www.nickscali.co.nz/raise-a-service-ticket\)](http://www.nickscali.co.nz/raise-a-service-ticket), email the service department at [service@nickscali.co.nz](mailto:service@nickscali.co.nz) or telephone the service department of Nick Scali (New Zealand) Limited on 0800 642 572 and follow the prompts.

9. Once a claim has been lodged with our service department, Nick Scali will assess your claim and respond within 10 business days.

10. The Purchaser must bear the expense of making the claim, and the cost of all freight, house calls, labour and other items. These will be charged to the Purchaser at standard Nick Scali rates.

### Remedies

11. If the Battery Pack is determined by Nick Scali to have a manufacturing defect, Nick Scali will, at the election of Nick Scali, choose whether to replace the Battery Pack with a new Battery Pack or provide you with a refund equal to the purchase price of the Battery Pack.

12. Any available remedy under this warranty relates to the Battery Pack only, and not any other Battery Pack or item (including a recliner in which the Battery Pack was installed).