

# **ITEM # LICBKIT20**

## **20v Lithium Ion Battery and Charger**

### **Instructions**



#### **READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING THIS PRODUCT.**

This manual provides important information on proper operation & maintenance. Every effort has been made to ensure the accuracy of this manual. These instructions are not meant to cover every possible condition and situation that may occur. We reserve the right to change this product at any time without prior notice.

**IF THERE IS ANY QUESTION ABOUT A CONDITION BEING SAFE OR UNSAFE,  
DO NOT USE THIS PRODUCT!**

#### **QUESTIONS? CONTACT CUSTOMER SERVICE.**

Call Customer Service at 1-636-532-9888, Monday-Friday, 8 AM - 4 PM Central Time, or email : [info@amerihomebrand.com](mailto:info@amerihomebrand.com). A copy of the sales receipt is required.

**KEEP MANUAL, SALES RECEIPT & WARRANTY FOR FUTURE REFERENCE.**



To register your product warranty, please visit [buffalotools.com](http://buffalotools.com) or scan the QR code.

## PRODUCT SPECIFICATION

- 20V 2.0Ah Li-Ion Battery
- Typical Capacity: 2000 mAh with PCB (Printed Circuit Board) inside
- 20V 2.0A Quick Charger with ETL
- Voltage: 100-240V
- Power: 60w
- Charging Current: 2.0A
- Charging Time:
  - 60 min for 2.0Ah Battery
  - 120 min for 4.0Ah Battery

## LITHIUM BATTERY INSTRUCTION

### Intended use

Only use this battery with compatible PRO SERIES products. The battery is used to supply the voltage/current of PRO SERIES power tools. Using the product for purposes other than those described may damage the product. In addition, improper use can cause hazards such as a short circuit, fire or electric shock. Read the instructions carefully and store them in a safe place. If you pass the product on to a third party, please hand over these operating instructions as well.



### Explanation of symbols

The symbol with an exclamation mark in a triangle is used to highlight important information in these operating instructions that must be observed. The arrow symbol indicates special information and tips on how to use the product.



### Safety instructions

Read the operating instructions carefully and observe in particular the safety instructions. If you do not follow the safety instructions and information on proper handling in these operating instructions, we will assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.



### a) Important safety information

- This device is not intended to be used by persons (including children) with reduced physical, sensory or mental abilities or lack of experience and / or lack of knowledge unless they are supervised by a person responsible for their safety or have received instructions on how to use the device.
- Children must be supervised to make sure they do not play with the appliance.

### b) General safety information

- The unauthorised conversion and/or modification of the product is prohibited for safety reasons.
- Maintenance and repair work must be done by a technician/specialist repair centre. This product does not contain any components that require maintenance.
- Do not allow people who have not read or understood these instructions to use the product.
- The product must not become damp or wet.
- Condensation may form when the product is brought from a cold room into a warm one (e.g. during transportation). This may damage the product. Furthermore, it poses a risk of fire. Therefore, let the product reach room temperature before use. This may take several hours.
- Do not place any containers with liquid, e.g., buckets, vases or plants in the immediate proximity of the product. Liquids may seep into the casing and impair the electrical safety of the device. There is furthermore a danger of fire and explosion!
- Do not place the product next to open flames (such as candles).
- Never operate the product in the vicinity of combustible or inflammable liquids or gases, air/gas mixtures (petrol vapours) or easily inflammable solids. This may cause a fire or explosion!
- Do not place the product onto valuable furniture without protective padding.
- In schools, educational facilities and hobby or DIY workshops, the product must be operated under the supervision of qualified personnel.
- Do not leave packaging material lying around carelessly. It may become a dangerous toy for children!
- Handle the product with care, it will be damaged by jolts, impacts or a fall from a low height.
- If you are not sure how to operate the product correctly, or if you have any questions that are not answered in these operating instructions, contact us or another specialist.

### c) Handling, operation

- When handling the rechargeable battery, do not wear any metal or conductive materials such as jewellery (necklaces, bracelets, rings, etc.). Keep the rechargeable battery away from metal objects (e.g. screws, nails, paper clips, etc.), as this can short-circuit the contacts on the rechargeable battery. A short-circuit of the battery contacts can not only cause burns, but there is a risk of fire and explosion!
- Use the rechargeable battery only in conjunction with the battery-operated power tools associated with compatible PRO SERIES products. Use of the rechargeable battery for other tools or devices poses a risk of fire and explosion.
- Do not use the product in the immediate vicinity of strong magnetic or electromagnetic fields, transmitter aerials or HF generators. Doing so may influence the control electronics in the rechargeable battery.
- The rechargeable battery is not a toy and should be kept out of reach of children. Keep the rechargeable battery out of reach of children.
- The rechargeable battery must never be short-circuited, disassembled or thrown into fire. This may cause a fire or explosion!

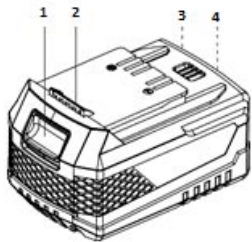
- Liquids may leak from the rechargeable battery in the event of damage, improper use or over-ageing. This can cause skin irritation or burns. Use suitable protective gloves, if this is the case. Avoid direct contact with the skin; do not allow liquid to get in the eyes. In case of accidental contact, rinse the affected skin areas with a lot of clear, lukewarm water; do the same for eye contact. In case of eye contact (or stronger irritation of the skin), consult a physician.
- Liquids leaking from batteries are chemically very aggressive. Objects or surfaces coming into contact with these liquids could be severely damaged. Thus, store batteries/rechargeable batteries in a suitable location.
- The rechargeable battery must not get damp or wet; shield the rechargeable battery from cold, heat and sunlight. Failure to observe this can not only reduce the operating life of the rechargeable battery, but can also result in damage. In extreme cases, there is also a risk of explosion!
- Do not place any objects on the rechargeable battery.

#### d) Charging

- Use only the charger that is associated with the system for charging. Use of chargers other than that recommended by us poses a significant risk of fire or explosion of the batteries!
- Before charging the rechargeable battery, observe the operating instructions of the charger.
- Never leave the battery to charge unsupervised.
- The rechargeable battery gets warm during the charging process, even at high discharge currents. For this reason, it is necessary to ensure sufficient ventilation.
- The rechargeable battery fits only in one direction into the charger or battery- operated power tools. Never use force to insert the rechargeable battery.
- Do not charge the rechargeable battery while it is still hot (e.g. after operation in a power tool). Allow the battery to cool down to room temperature before attempting to recharge it.
- Never charge a damaged, leaking or deformed rechargeable battery. This may cause a fire or explosion! Discontinue use immediately and dispose in an environmentally-friendly manner of a rechargeable battery that has become unusable in this way.
- An unused li-ion rechargeable retains its energy normally for several months; however, total discharge will cause permanent damage and result in its being unusable.

If the rechargeable battery is to be stored for a long period of time, please note:

- Remove the rechargeable battery from the power tool.
- Select a dry and cool place for storage.
- The rechargeable battery should not be fully charged for longer periods of storage; an ideal charge status is approximately between 50% and 75%.
- Check the charge status on a regular basis and charge the rechargeable battery if necessary.



#### Product overview

1. Unlock button
2. Release latch (locks the rechargeable battery in the power tool; retracts into rechargeable battery when unlock button is pressed)
3. Control button
4. LEDs for monitoring the charge status

#### Charging

Please consult the operating instructions of the charger.

#### Removing/inserting the rechargeable battery

- In order to remove the rechargeable battery from a power tool, press and hold the unlock button on the rechargeable battery and then remove the rechargeable battery from the power tool. Do not use any force.
- To insert the rechargeable battery in a power tool, simply slide the battery with correct orientation into the corresponding battery intake of the power tool until it engages. Do not use any force.

The charger does not have an engaging function, the rechargeable battery can simply be pulled out of the charger.

#### Control button and LED indicators - Important!

Before you use the control button, cease operation with the power tool. Wait until the drive of the power tool completely stops and no tool parts are turning. On one side of the rechargeable battery, there is a control button and 3 LEDs. Press the control button to show the battery capacity.

The more LEDs that light, the greater the rechargeable battery's charge level. If none of the LEDs light up, this means that the rechargeable battery is empty and has to be recharged immediately.

#### Care and Cleaning

- Remove the rechargeable battery before cleaning from the power tool or the charging device.
- A dry, soft and clean cloth is sufficient for cleaning the exterior.
- Dust can be easily removed using a clean, long-haired brush and a vacuum cleaner.
- Never use aggressive detergents, rubbing alcohol or other chemical solutions, as these may damage the housing or cause the product to malfunction.

#### Disposal

Electronic devices are recyclable waste and should not be disposed of in the household waste. At the end of its service life, dispose of the product according to the relevant statutory regulations.

## BATTERY CHARGER INSTRUCTION

ITEM # LICBKIT20 Instructions

## Intended use

The product is intended to be used for recharging PRO SERIES rechargeable batteries. This product is intended for indoor use only. Do not use it outdoors. Contact with moisture (e.g. in a bathroom) must be avoided under all circumstances.

For safety and approval purposes, you must not rebuild and/or modify this product. Using the product for purposes other than those described may damage the product. In addition, improper use can cause hazards such as a short circuit, fire or electric shock. Read the instructions carefully and store them in a safe place. If you pass the product on to a third party, please hand over these operating instructions as well.

## Explanation of symbols

The symbol with the lightning in a triangle indicates that there is a risk to your health, e.g. due to an electric shock.

The symbol with an exclamation mark in a triangle is used to highlight important information in these operating instructions that must be observed.

## Safety instructions

Read the operating instructions carefully and observe in particular the safety instructions. If you do not follow the safety instructions and information on proper handling in these operating instructions, we will assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.

### a) Important safety information

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.

### b) General safety information

- Do not leave packaging material lying around carelessly. It could become a dangerous plaything for children.
- Protect the product from extreme temperatures, direct sunlight, strong jolts, high humidity, moisture, flammable gases, vapours and solvents.
- Do not place the product under any mechanical stress.
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use. Safe operation can no longer be guaranteed if the product:
  - is visibly damaged,
  - is no longer working properly,
    - has been stored for extended periods in poor ambient conditions or
    - has been subjected to any serious transport-related stresses.



- Please handle the product carefully. Jolts, impacts or a fall even from a low height may damage the product.
- Please also observe the operating instructions of the rechargeable batteries.
- Consult a technician if you are not sure how to use or connect the product, or if you have concerns about safety.
- Maintenance, modifications and repairs must be carried out by a technician or a specialist repair centre.
- If you have any questions that are not answered in these operating instructions, please contact customer service.

### c) Electrical safety

- The main outlet must be located near to the device and be easily accessible.
- Never unplug the mains plug by pulling on the cable. Always use the grips on the plug.
- Unplug the main plug from the mains socket if you do not plan to use the appliance for an extended period of time.
- For safety reasons, unplug the main plug from the mains socket during thunderstorms.
- Make sure that the mains cable is not squeezed, bent, damaged by sharp edges or subjected to mechanical stress. Avoid excessive thermal stress on the mains cable from extreme heat or cold. Do not modify the main cable. Otherwise the mains cable may be damaged. Damaged mains cables can cause a fatal electric shock.
- Do not touch the mains cable if there are any signs of damage. Power down the respective main socket (e.g. via the respective circuit breaker), and then carefully unplug the main plug from the mains socket. Never use the product if the main cable is damaged.
- A damaged main cable must only be replaced by the manufacturer, an authorised repair centre or a qualified electrician, in order to avoid hazards.
- Never insert or unplug the main plug when your hands are wet.
- Never use the product immediately after it has been brought from a cold room into a warm one. The condensation generated may destroy the product. The main adapter may also generate a fatal electric shock! Allow the product to reach room temperature before connecting it and putting it to use. This may take several hours.

### d) Additional safety warnings for chargers

- Disconnect the charger from the power supply and allow it to cool down before cleaning, maintenance, storage and transportation.
- The charger and rechargeable battery (Only use the charger with the battery pack specified for this product).
- Do not place any object on top of the charger as it could cause overheating. Do not place the charger near any heat source.
- Do not use an extension cord unless it is absolutely necessary. The use of an improper extension cord could cause the risk of fire, electric shock or electrocution.
- Do not use the charger if it has been subjected to a heavy knock, dropped or otherwise damaged in any way. Have the charger checked and repaired by an authorised service centre.

## Setup

- Connect the main plug to a standard mains socket. The green LED lights up. The product is ready for operation.
- Slide the rechargeable battery as far as it will go with correct right polarity into the charging compartment. The red LED lights up and the green LED goes out. The rechargeable battery is being charged.
- As soon as the battery is fully charged, the red LED goes out and the green LED lights up.
- Remove the rechargeable battery as soon as it is fully charged.