



LITHIUM 24V

LITHIUM ION
BATTERY CHARGER



OWNER'S MANUAL



READ ALL SAFETY RULES AND INSTRUCTIONS CAREFULLY BEFORE OPERATING



STRIKEMASTER® LITHIUM 24v CHARGING BASE CONTENTS

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PRODUCT SPECIFICATIONS

COMPONENTS

- StrikeMaster Lithium 24v Battery Charging Base
- Input: 120V AC 50/60Hz 1.0A
- Output: 24V DC 2.0A
- Weight: 1.48 lbs., (0.67 kg)

STRIKEMASTER® LITHIUM 24v BATTERY CHARGING BASE

QUICK START

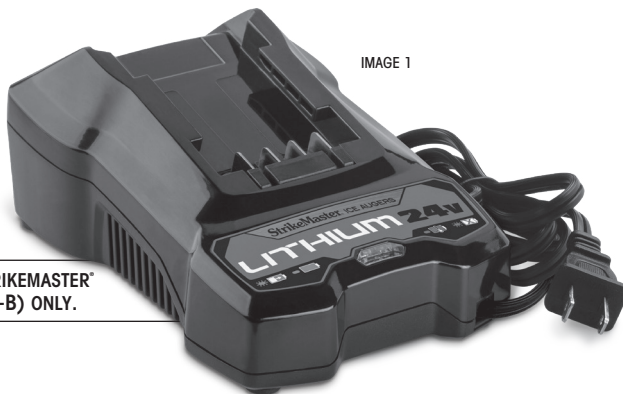


IMAGE 1

FOR USE WITH STRIKEMASTER®
4AH BATTERY(LTV-B) ONLY.

1. Remove Lithium 24v Battery Charging Base from carton (Image 1).
2. Unpack the 24v Battery Charging Base from carton and plug it in. Slide Battery onto Battery Charging Base using the channels on both sides as a guide. Press down until you hear it click in place. Leave Battery on Battery Charging Base until fully charged (Image 2).

NOTE: Battery is not fully charged when first removed from box.

3. When Battery Charging Base indicator shows solid green, your Battery is fully charged (Image 3). *Your StrikeMaster Lithium 24v Battery is ready for use.*

Your StrikeMaster Lithium 24v Battery Charging Base has built in "Smart Charging Technology". The chart below shows you the correct charging procedure/occurrences that could be experienced while charging.

4. Your Battery must be charged in a location where the temperature is more than 35°F/2°C, but less than 100°F/38°C.



IMAGE 2



IMAGE 3

CHARGING PROCEDURE

BATTERY IS CHARGING

GREEN (BLINKING)



FULLY CHARGED

GREEN



BATTERY IS TOO COOL OR
TOO WARM TO CHARGE
(REFER TO OWNERS MANUAL)

RED



DEFECTIVE BATTERY
(REFER TO OWNERS MANUAL)

RED (BLINKING)



1 IMPORTANT SAFETY INSTRUCTIONS

- **SAVE THESE INSTRUCTIONS - DANGER: TO REDUCE RISK OF FIRE OR ELECTRICAL SHOCK CAREFULLY OBEY THESE INSTRUCTIONS.**
- Confirm the voltage available at each country location before using the charger.
- The LTV-CB(CA) is meant for use with 110 to 120 VAC only.
- DO NOT allow liquid inside the charger.
- DO NOT try to use the charger for any other purpose than what is presented in this manual.
- Unplug the charger before cleaning and when there is no battery pack in the charger.
- Do not try to connect two chargers together.
- Do not use the charger in the circumstances that the output Polarity does not match the load polarity.
- For indoor use only.
- The charger may under no circumstances be opened. If the charger is damaged, then the charger may no longer be used.
- LTV-CB is only to be used with LTV-B.

⚠ WARNING

To avoid risk of fire, electrical shock, or electrocution:

- Do not use a damp cloth or detergent on the battery or battery charger.
- Always remove the battery pack before cleaning, inspecting, or performing any maintenance on the tool.

2 SPECIAL RULES FOR CHARGER

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

⚠ CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

i NOTE

This equipment has been tested and found to comply with the limits for a Class II digital device, pursuant to Part 15 of the FCC Rules.






These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful

interference to radio or television reception. The reception can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.




3 SYMBOLS ON THE PRODUCT

You can use below symbols on the machine. Please study them and learn their definitions. Correct interpretation of these symbols let you operate the tool better and safer.

Symbol	Explanation
	Class II
	For indoor use only
	Before charging, read the instructions
	Fuse
	Precautions that involve your safety.

4 RECYCLE

The following symbol words and meanings are intended to explain the levels of risk associated with this product.

	Separate collection. You must not discard with usual household waste. If it is necessary to replace the machine, or if it is no more use to you, do not discard it with household waste. Make this machine available for separate collection.
	Separate collection of used machine and packaging let you recycle materials and use them again. Use of the recycled materials helps prevent environmental pollution and decreases the requirements for raw materials.
Batteries 	At the end of their useful life, discard batteries with a precaution for our environment. The battery contains material that is dangerous to you and the environment. You must remove and discard these materials separately at a location that accepts lithium-ion batteries.

5 CALIFORNIA PROPOSITION 65

⚠ WARNING

This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm. Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints;
- Crystalline silica from bricks and cement and other masonry products;
- Arsenic and chromium from chemically treated lumber.

Your risk of exposure to these chemicals varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

6 EXAMINE THE LTV-CB CHARGING BASE

If the battery pack does not charge correctly:

1. Examine the current of the power outlet with different machines. Make sure that the outlet works.
2. Examine that the charger contacts are not short-circuited.

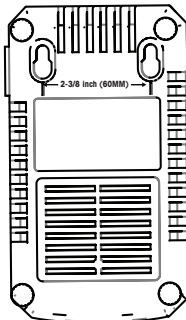
If the charger is not under usual room temperature, move the charger and battery pack to a location where the temperature is between 35°F(2°C) and -100°F(38°C).

⚠ WARNING

If you put the battery pack into the charger in cold or hot environment, the charger LED light is red. Remove battery pack and allow temperature to arrive at recommended charging range.

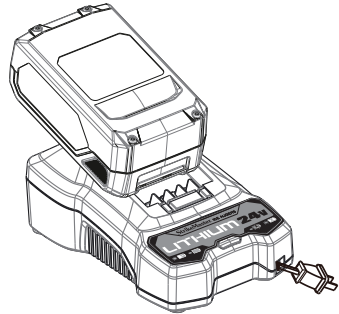
7 MOUNT THE LTV-CB CHARGING BASE

1. Locate on wall where to mount the charger.
2. Use 2 wood screws to attach the charger on the wood studs or anchors and screws to mount to drywall.
3. Drill two paralleled holes 2 3/8" (60 mm) on center.
4. Use wall anchors and screws to attach the charger to the drywall. Hardware not included.



8 OPERATION OF LVT-CB CHARGING BASE CHARGE PROCEDURE

- Connect the plug of charger to an AC power outlet.
- Insert battery pack onto charger.



This is a diagnostic charger. The Charger LED Light (3) illuminates in a specified order to show the current battery status. They are as follows:

CHARGING PROCEDURE (LED INDICATOR)	
BATTERY IS CHARGING	● GREEN BLINKING
FULLY CHARGED	● GREEN
BATTERY IS TOO COLD/WARM (REMOVE BATTERY AND ALLOW TEMP TO ARRIVE AT RECOMMENDED RANGE)	● RED
DEFECTIVE BATTERY (REMOVE AND REPLACE WITH A NEW BATTERY)	● RED BLINKING

⚠ NOTE

If you do not use the battery pack and charger for a long time, please remove the battery from the charger and unplug from power source.

9 MAINTENANCE

CLEANING THE MACHINE

⚠ NOTE

Keep the air vent free of blockage, dust, and debris. Do not spray, wash or submerge in water.

- Clear the unwanted material out of the air vent with a vacuum.
- Clean housing and the plastic components with a dry, soft cloth.

10 STOW THE MACHINE

Remove the battery pack before you store the charger and disconnect the charger from power source .

11 TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Charger doesn't work. Charger shows defective mode. (LED flashes Red)	Battery pack or charger is defective or there is a bad connection between the battery pack and charger.	Try to remove and reinsert the battery pack in the charger.
		Try charging a different battery pack.
		Unplug the charger and wait until the red LED goes out, then reconnect the plug to the power supply.
		Replace defective battery pack.
Charger doesn't work. Charger shows evaluation mode (LED indicates Red solid ON).	Battery pack is either too hot, or too cold.	Allow the battery pack to reach normal temperature. Charging will begin when the battery pack returns to 35°F(2°C) and -100°F(38°C).

