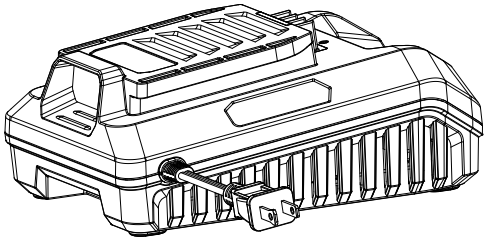
Instruction Manual

Model: CHX6-L
CHQX6
CHQX6-M

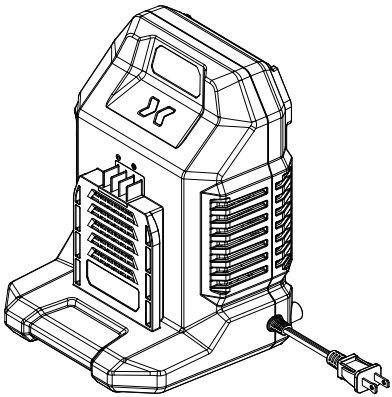
SENIX®

X6 60V* LITHIUM-ION™

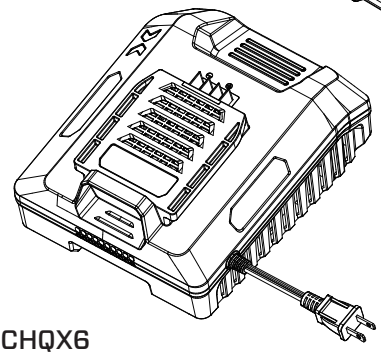
LITHIUM-ION BATTERY CHARGER



CHX6-L



CHQX6-M



CHQX6

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE
- WARRANTY

CAUTION: Before using this tool, please read this manual completely, and follow all operating safety measures.

YAT USA INC. 10506 Bryton Corporate Center Dr, #500 Huntersville, NC 28078
For customer support, please call 1-800-261-3981 or email us at senix.support@yatusa.com

TABLE OF CONTENTS

SAFETY & INTERNATIONAL SYMBOLS.....2
SAFETY INSTRUCTIONS.....2
KNOW YOUR UNIT.....4
SPECIFICATIONS*.....5
OPERATION.....5
MAINTENANCE.....7
TROUBLE SHOOTING.....9
WARRANTY.....10

SAFETY & INTERNATIONAL SYMBOLS

Explanation of Safety & international symbols describes safety and international symbols and pictographs that may appear on this product. Read the operator's manual for complete safety, assembly, operating and maintenance and repair information.



Caution / Warning.



Read the operator's manual(s) and follow all warnings and safety instructions. Failure to do so can result in serious injury to the operator and/or bystanders.



For indoor use only.



Do not use in rain or wet conditions.



Positive terminal.

Negative terminal.



Protection Class II.



Disconnect the supply before making or breaking the connections to the battery.

ta=40°C/E

Do not charge battery when temperature is above 104°F(40°C).



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authorities or retailer for recycling advice.



If the current of the charger is higher than 6.3A(CHX6-L), the current to the outlet will be stopped by the fuse.



If the current of the charger is higher than 10A(CHQX6), the current to the outlet will be stopped by the fuse.



If the current of the charger is higher than 8A(CHQX6-M), the current to the outlet will be stopped by the fuse.



Complies with UL standards.

SAFETY INSTRUCTIONS

WARNING!

Read all safety warnings, instructions, illustrations, and specifications, provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.
Save all warnings and instructions for future reference.

1. SAVE THESE INSTRUCTIONS - This manual contains important safety and operating instructions for battery charger.
2. Before using battery charger, read all instructions and cautionary markings on battery charger and battery.
3. The charger must be only used to charge SENIX X6 batteries: B30X6, B40X6, B60X6, B80X6, and B120X6.
4. Non-rechargeable batteries cannot be charged with this battery charger.
5. Use a power source with the voltage specified on the nameplate of the charger.
6. Do not charge the battery in presence of flammable liquids or gases.
7. Do not expose charger to rain or snow.
8. Never carry charger by cord or yank it to disconnect from receptacle.
9. After charging or before attempting any

maintenance or cleaning, unplug the charger from the power source. Pull by plug other than cord whenever disconnecting charger.

10. Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
11. Do not operate charger with damaged cord or plug - replace them immediately.
12. Do not operate or disassemble charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceman. Incorrect use or reassembly may result in a risk of electric shock or fire.
13. This battery charger is not meant to be used by children.
14. The recommended operating temperature of the charger is between 39.2°F(4°C) and 104°F(40°C). The charger may be damaged when the operatinng temperture is below 39.2°F(4°C) and/or above 104°F(40°C).
15. Do not attempt to use a step-up transformer, an engine generator or DC power receptacle.
16. During charging, the battery must be placed in a well ventilated area. Keep the working area tidy to reduce the risk of fire, electric shock and explosion. Do not cover the charger and battery pack with a cloth while charging.
17. When the charger is not in use and before cleaning, unplug the charger from the outlet.
18. Indoor use only.
19. To protect against the risk of electrical shock, do not immerse the unit, cord or plug in water or other liquid.
20. Examine the battery charger regularly for damage, especially the cord, plug and enclosure. If the battery charger is damaged, it must not be used until it has been repaired.

OTHER WARNINGS

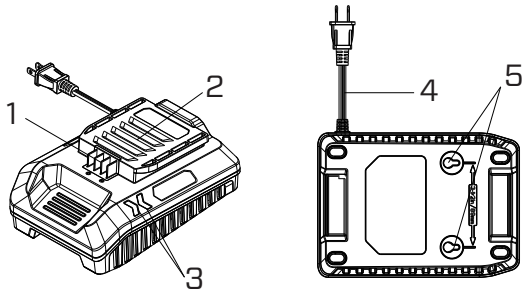
a. The charger must not be used for non-rechargeable, ordinary batteries.
b. Adequate ventilation is required.
c. The information on current and voltage on the battery pack must comply with those of the charger.
d. Do not expose the charger to water splashes and rain.
e. Disconnect the equipment from the power supply before inserting or removing the batteries.
f. Do not throw exhausted or damaged batteries into water or fire. Environmental guidelines must be followed.
g. A defective or not chargeable battery must be treated as special waste / hazardous waste. Put it in a special collection point. Do not throw it in the normal household waste neither into water or fire.
h. Place the charger far from any heat source.
i. To reduce the risk of electric shock, pull the plug instead of the power cord out from the socket, if you want to disconnect the charger from the mains.
j. Do not disassemble the charger. Bring it to an authorized repair service, if service or repair is required. Improper installation can result in electrical shock, death and fire.
k. This equipment is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.
l. This charger 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 charger in a safe way and understand the hazards involved. Children shall not play with the charger. Cleaning and user maintenance shall not be made by children without supervision.
m. Do not leave the equipment unattended while it is operating, to avoid the risk of fire, burns and electric shocks.
n. If the power cord is damaged, it must be replaced by the manufacturer or its customer service or a similarly qualified person in order to avoid hazards.

INTENDED USE

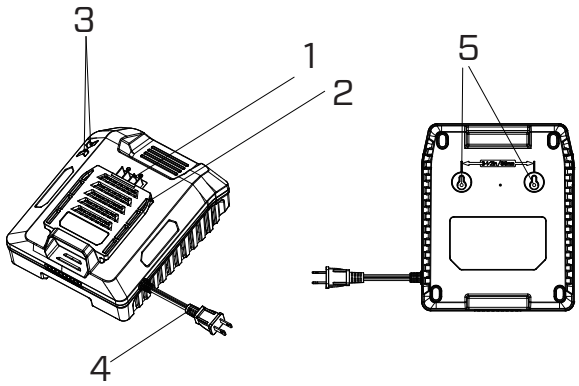
Please read through these operating instructions and keep them for future reference. Use this battery charger for X6 battery pack only.
If the product is damaged or has any defect, please do not use it and bring back it to your dealer. If you give this tool to another people, please give him also this instruction manual.
Please note that our charger has not been designed for use in commercial, trade professional usage or industrial applications.

KNOW YOUR UNIT

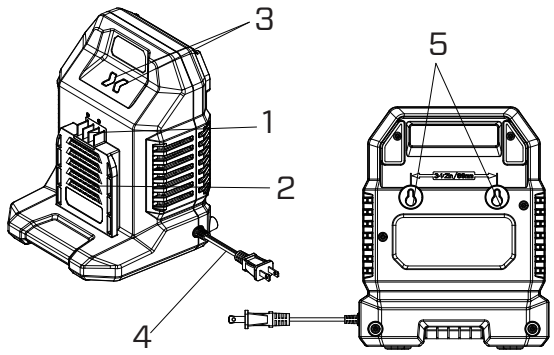
CHX6-L



CHQX6



CHQX6-M



Model: CHX6-L , CHQX6 & CHQX6-M
Use this charger for X6 battery pack only.

1	Electrical Contacts
2	Battery Docking Port

3	Charge Level Indicator Light
4	Power Cord
5	Wall Mountings Holes

SPECIFICATIONS*

Model	CHX6-L
Rated Input	120 V ~ 60 Hz
Rated Output	63 V, 3 A
Output Voltage	63 V
Charging Current	3 A
Power	215 W
Protection Class On Charger	⧈ II
Weight	1.83 lb | 0.83 kg
Applicable Battery	Charging Time
B30X6	65 min
B40X6	85 min
B60X6	125 min
B80X6	170 min
B120X6	245 min

Model	CHQX6
Rated Input	120 V ~ 60 Hz
Rated Output	63 V, 5 A
Output Voltage	63 V
Charging Current	5 A
Power	360 W
Protection Class On Charger	⧈ II
Weight	2.71 lb | 1.23 kg
Applicable battery	Charging Time
B30X6	45 min
B40X6	55 min
B60X6	85 min
B80X6	105 min
B120X6	160 min

Model	CHQX6-M
Rated Input	120 V ~ 60 Hz
Rated Output	63 V, 8 A
Output Voltage	63 V
Charging Current	8 A
Power	620 W
Protection Class On Charger	⧈ II
Weight	3.75 lb | 1.7 kg
Applicable battery	Charging Time
B30X6	30 min
B40X6	35 min
B60X6	50 min
B80X6	65 min
B120X6	100 min

OPERATION

⚠WARNING!

Do not use the charger outdoors or expose it to wet or damp conditions. Water entering the charger will increase the risk of electric shock.

⚠WARNING!

Provide adequate ventilation during charging to prevent potential fire.

CHARGER SETTLEMENT

1. Horizontal: Place the charger on a horizontal surface to stabilize it.
2. Vertical: Install two nails vertically with 3-1/2 inches (89 mm) apart on the wall. Make sure the nails are sufficiently strong to hold the combined weight of the charger and battery pack and the charger is mounted firmly.

HOW TO CHARGE THE BATTERY PACK

⚠ WARNING!

Do not use the charger in direct sunlight or in damp conditions. Do not charge outside. Charge at room temperature.

⚠ WARNING!

The Lithium-Ion battery pack is shipped partially charged. Fully charge the battery pack before using it for the first time.

- Plug the charger into an appropriate 120 V outlet that complies with input in "SPECIFICATION".
- Align the raised ribs of the battery pack with the slot in the charger. Slide battery packs onto the charger.
- Normally, the relevant charge indicator light will flash in green color showing the battery is being charged.
- When the charging process is complete, the green indicator will stop flashing and keep lighting. At that time, remove the battery pack from the charger and disconnect the charger plug from the power supply.

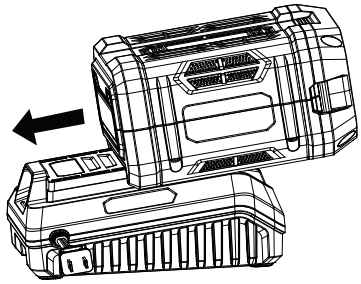


Fig. 1

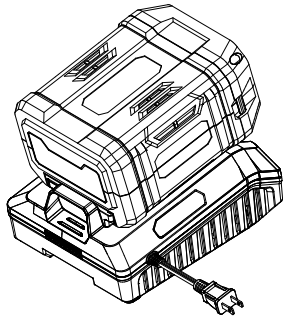


Fig. 2

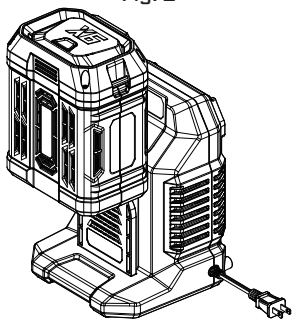


Fig. 3

NOTE :

The charger may warm during charging. This is part of the normal operation of the charger. Charge in a well-ventilated area.

NOTE :

When battery charge runs out after continuous use or exposure to direct sunlight or heat, the temperature of the battery will be out of the normal temperature range. Allow time for the battery to cool down. The charger will only start charging when the battery temperature is no longer out of working range.

IMPORTANT CHARGING NOTES:

- Do not use the charger when the ambient temperature is below 32°F(0°C) or above 104°F(40°C). Only charge the battery pack when the temperature of the battery pack is between 39.2°F(4°C) and 104°F(40°C).
- Never freeze your charger or immerse charger in water or any other liquid.

- When charging it is normal that the charger and battery pack may become warm to touch.
- If the battery pack does not charge properly:

a. Check that the outlet is functioning properly.
b. Plug and unplug to check whether the charger is ok.
c. Check whether the battery has been damaged.
d. If the charging problem persists, take the tool, battery pack and charger to an authorized service center.
e. Under certain conditions, when the charger is plugged into the power supply, the exposed charging contacts inside the charger can be shorted by foreign material. Foreign materials of a conductive nature such as metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the charger or before attempting to clean.

TEMPERATURE PROTECTION

This charger has a battery temperature protection function. When the charger detects a battery pack that is too hot or cold (red and green lights will flash alternately), it will automatically activates the protection circuit and stop charging until the battery pack has reached the correct temperature. The charging process will then automatically begin (the green light will flash). This function ensures longer life and batter performance of the battery.

CHARGER LIGHT INDICATOR

Lights	Light Indicators	Status
One red light on		Power on
One green light flashes		Normal charging
One green light on		Charge over
One red light flashes		Battery pack or charger is defective
Red and green lights flash alternately		Abnormal temperature of battery

MAINTENANCE

WARNING!

Remove the plug from the socket before carrying out any servicing or maintenance. Your battery charger requires no additional lubrication or maintenance. Do not open the charger.

WARNING!

Disconnect the power supply before maintenance or cleaning.

WARNING!

Repairs should only be carried out by qualified persons and using genuine spare parts. Inappropriate repairing could cause significant danger. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

CLEANING

1. Unplug before any cleaning work.
2. Never use water or chemical cleaners to clean your charger. Keep the charger clean and clear of debris.
3. Wipe down the equipment with a cloth and/or compressed air. It is highly suggested that you clean the device after every use.

STORAGE

1. Cleaning the charger before storing.
2. Do not place the charger in wet conditions. Always store your charger in a dry place.
3. Unplug the charger when there is no battery in it.
4. Store the charger at normal room temperature.
5. Store the charger at normal room temperature. The ideal storage temperature is between -4°F(-20°C) and 131°F(55°C). Do not store it in excessive heat and do not store the battery pack on the tool.

TRANSPORTATION

1. Disconnect the power supply before transportation, and place the charger into a box avoid being exposed to sunlight during the transportation.
2. Protect the charger from any heavy impact or strong vibrations which may occur during the transportation in vehicles.

ENVIRONMENTAL PROTECTION

Waste electrical products must not be disposed of with household waste. Check with your local authorities or retailer for recycling advice. It will then be recycled or dismantled in order to reduce the impact on the environment and for human health since they contain hazardous substances.

56V ION+ LITHIUM-ION CHARGER (CHX6-L & CHQX6 & CHQX6-M)

FEDERAL COMMUNICATIONS COMMISSION (FCC)

⚠ WARNING!

Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CLASS B DEVICE:

NOTE:

This equipment has been tested and found to comply with the limits for a Class B 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 communications.
However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to corect the interference by one or more of the following measures:

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

TROUBLE SHOOTING

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore, check the product using this section. In most cases the problem can be solved quickly.

PROBLEM	**POSSIBLE CAUSE**	**SOLUTION**
No light indicator is on	Not connected to power supply	Remove the plug from the power supply then plug into again.
	The charger is defective	Have the charger checked by an authorized service center.
Red light and green light flash alternately	Temperature out of working range of the battery pack	Wait until the battery temperature reaches working ranging.
One red light flashes	Abnormal charging	Charge another battery. If there are still something abnormal, have the charger checked by an authorized service center.

If further assistance is required, take the unit to a qualified service dealer.

WARRANTY

SENIX TOOLS LIMITED WARRANTY

FOR THREE YEARS from the date of original purchase this charger product is warranted against defects in material or construction. WITH PROOF OF ORIGINAL PURCHASE, a defective product will be replaced free of charge. For details to obtain warranty coverage, visit **SENIXTOOLS.COM**, email **senix.support@yatusa.com**, or call **1-800-261-3981**.

- This warranty does not cover product accident or abuse or failure to operate and maintain the product according to all supplied instructions.
- This warranty does not apply to damage resulting from repairs to the product made or attempted by other than SENIX authorized agents.
- This warranty does not cover the cost of mailing or transporting the product to receive warranty coverage.
- The warranty is void if the product has been used for commercial, professional, or rental service purposes.
- The warranty applies to the original retail purchaser and is not transferable.
- Proof of purchase is required to obtain warranty coverage.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHERS, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND EXCLUDES ALL INCIDENTAL OR CONSEQUENTIAL DAMAGE. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so these limitations may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary in certain states or provinces.

NOTE: Warranty voided if the battery pack is tampered with in any way. SENIX is not responsible for any injury caused by tampering and may prosecute warranty fraud to the fullest extent permitted by law.

60-DAY MONEY-BACK GUARANTEE. If for any reason within 60 days from the date of original purchase you are not completely satisfied with the performance of this SENIX product, you can return it with the original sales receipt for a full refund.

Latin America: This warranty does not apply to products sold in Latin America. For products sold in Latin America, see the country-specific warranty information contained in the packaging, call the retailer from which it was purchased, or visit the website for warranty information.

Free warning label replacement: If your warning labels become illegible or are missing, call **1-800-261-3981** for a free replacement.

REGISTER ONLINE - **www.senixtools.com/pages/product-registration**
Thank you for your purchase! Register your product now for:
Warranty Service: Registering your product will help you obtain more efficient warranty service in case of a problem with your product.
Confirmation of Ownership: In case of an insurance loss, such as fire, flood, or theft, your ownership registration will serve as proof of purchase.
For your safety: Registering your product will allow us to contact you in the unlikely event a safety notification is required under the Federal Consumer Safety Act.

YAT USA INC. 10506 Bryton Corporate Center Dr, #500 Huntersville, NC 28078
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