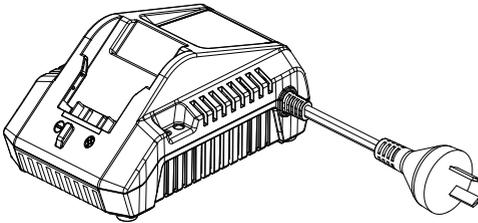


# Instruction Manual

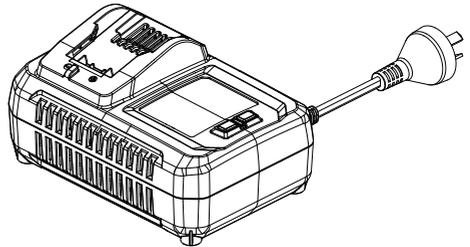
Model: CHX2  
CHQX2  
CXQX2-M-EU  
CHDX2-M-EU



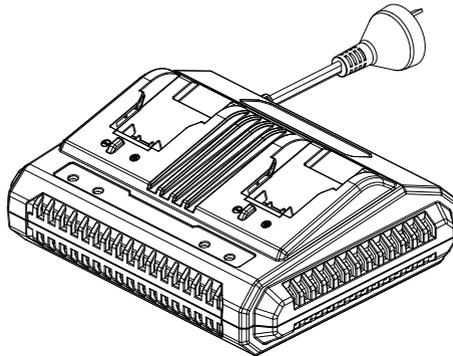
## LITHIUM-ION BATTERY CHARGER



CHX2/CHQX2



CHQX2-M-EU QUICK CHARGER



CHDX2-M-EU DUAL PORT CHARGER

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

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE

**Senix Australia Pty Ltd.** 32/3 Westside Avenue, #Port Melbourne, Victoria, 3207  
For customer support, please call 1300 461 825 or email us at [info@senixtool.com](mailto:info@senixtool.com)

# TABLE OF CONTENTS

SAFETY & INTERNATIONAL SYMBOLS.....	2
SAFETY INSTRUCTIONS.....	2
KNOW YOUR UNIT.....	4
SPECIFICATIONS*.....	6
OPERATION.....	7
MAINTENANCE.....	8
TROUBLE SHOOTING.....	9

## 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.



Remove plug from the mains immediately if the power cord/extension cord is damaged or cut.

**T3.15A**



If the current of the charger is higher than 3.15A(CHX2/CHQX2), the current to the outlet will be stopped by the fuse.

**T3.15A**



If the current of the charger is higher than 3.15A(CHQX2-M-EU), the current to the outlet will be stopped by the fuse.

**T5A**



If the current of the charger is higher than 5A(CHDX2-M-EU), the current to the outlet will be stopped by the fuse.

**ta=40°C/E**

Do not charge battery when temperature is above 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.



RCM Mark

## 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 X2 batteries: B20X2, B25X2, B40X2, B50X2, B60X2 and B80X2.
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. The battery charger is not intended for young children or infirm persons without supervision.
  14. Young children should be supervised to ensure that they do not play with the battery charger.
  15. Do not charge battery when temperature is below 4°C or above 40°C.
  16. Do not attempt to use a step-up transformer, an engine generator or DC power receptacle.
  17. 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.
  18. When the charger is not in use and before cleaning, unplug the charger from the outlet.
  19. Indoor use only.
  20. To protect against the risk of electrical shock, do not immerse the unit, cord or plug in water or other liquid.
5. Place the charger far from any heat source.
  6. 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 outlet.
  7. Do not disassemble the charger. Improper use can result in electrical shock, death, and fire.
  8. This charger 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.
  9. 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.
  10. Do not leave the charger unattended while it is operating, to avoid the risk of fire, burns and electric shocks.
  11. 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.

## OTHER WARNINGS

1. Adequate ventilation is required when use.
2. Do not expose the charger to water splashes and rain.
3. Disconnect the charger from the power supply before inserting or removing the batteries.
4. A defective charger 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.

## INTENDED USE

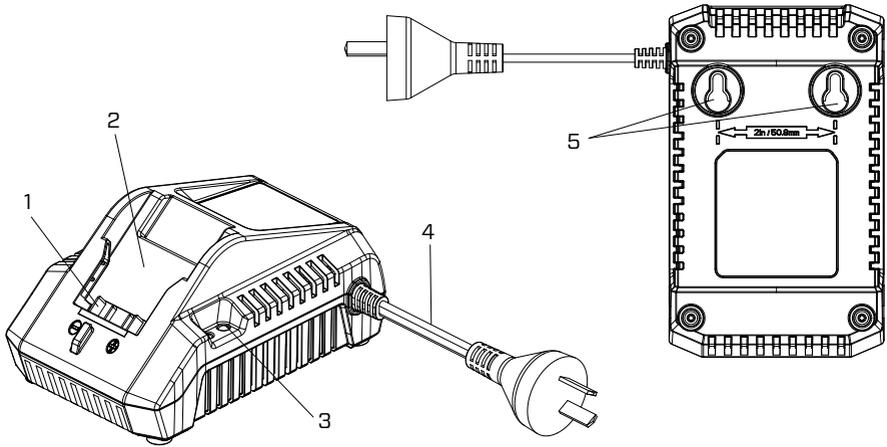
Thank you for purchasing this product. Please read through these operating instructions and keep them for future reference. Use this battery charger for X2 battery pack only.

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.

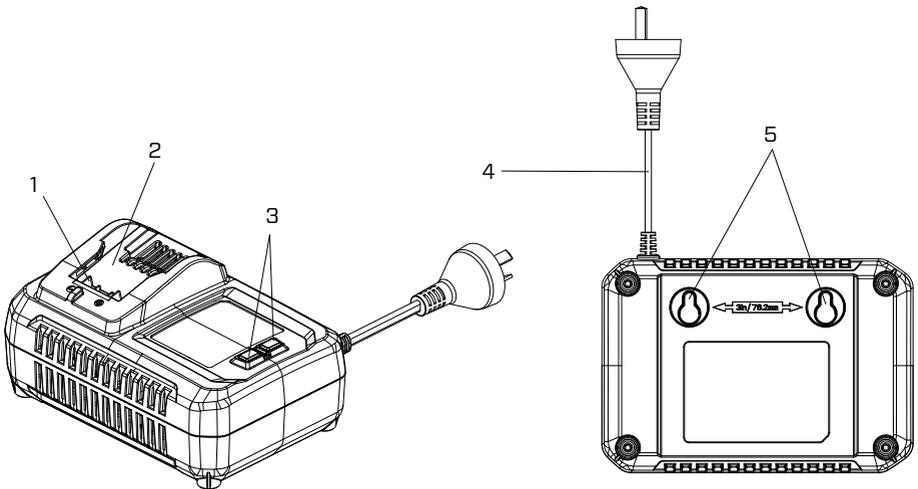
**Please note that our charger has not been designed for use in commercial, trade professional usage or industrial applications.**

# KNOW YOUR UNIT

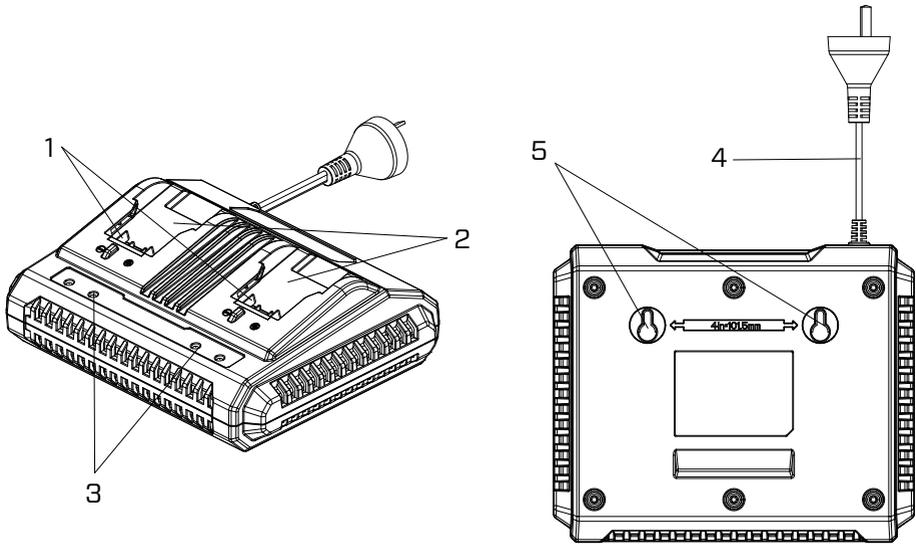
## CHX2/CHQX2



## CHQX2-M-EU



## CHDX2-M-EU



Model: CHX2, CHQX2, CHQX2-M-EU & CHDX2-M-EU.

Use this charger for X2 battery pack only.

1	Electrical contacts
2	Battery Docking Port
3	Charge Status Indicator Lights
4	Power cord
5	Wall mounting hole

# SPECIFICATIONS\*

Model	CHX2	CHQX2	CHQX2-M-EU	CHDX2-M-EU	
Rated Input Voltage	100-240V - 50/60 Hz				
Rated Output	21 V $\overline{\text{~}}$ , 2 A	21 V $\overline{\text{~}}$ , 4 A	21 V $\overline{\text{~}}$ , 4 A or 6 A		
Output Voltage	21 V				
Charging Current	2A Max	4A Max	6A Max	6A Max	
Power	50 W	100 W	150 W	157 W	
Weight	340 g	410 g	589 g	816 g	
Protection Class	□ II				
Applicable Battery	Charging time			Single Port	Two Ports
B20X2	65 min	35 min	35 min	35 min	70 min
B25X2	85 min	45 min	45 min	45 min	90 min
B40X2	135 min	65 min	50 min	50 min	100 min
B50X2	160 min	85 min	60 min	60 min	120 min
B60X2	195 min	105 min	75 min	75 min	150 min
B80X2	260 min	140 min	100 min	100 min	200 min

## OPERATION

### CHARGER SETTLEMENT

1. Horizontal: Place the charger on a horizontal surface to stabilize it.
2. Vertical: Install two nails vertically with 50.8 mm (CHX2/CHQX2), 101.5 mm (CHDX2-M-EU), 76.2 mm (CHQX2-M-EU) apart on the wall, fit the charger holes with two nails. Make sure the charger is mounted fixedly.

### 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!

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.

You can charge using a single charging port or both.

- Plug the charger into an appropriate outlet that complies with input in "SPECIFICATION".
- Align the raised ribs of the battery pack with the slot in the charger. Slide battery packs into 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 stay solid green. At that time, remove the battery pack from the charger and disconnect the charger plug from the power supply.



#### NOTE:

When battery charge runs out after continuous use or exposure to direct sunlight or heat, 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.

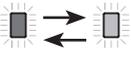
### IMPORTANT CHARGING NOTES:

- Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 18°C - 24°C. Do not charge the battery pack in air temperatures below 4°C, or above 40°C. This is important as it can prevent serious damage to the battery pack.
- 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 current at power outlet by plugging in another equipment.
  - b. Plug and unplug to check whether the charger is ok.
  - c. Check whether the battery has been damaged.
  - d. Move the charger and battery pack to a location where the surrounding air temperature is approximately 18°C - 24°C.
  - e. If the charging problem persists, take the tool, battery pack and charger to an authorized service center.
  - f. 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 feature. When the charger detects a battery pack that is too hot or cold (red and green lights flash alternately), it automatically activates the protection circuit, and suspends charging until the battery pack has reached the correct temperature. The charging process will then automatically begin (the green light will flash). This feature ensures maximum battery life.

## CHARGER LIGHT INDICATOR

Lights	Light indicators	Status
One red light on		Power on
One green light flashing		Normal charging
One green light on		Charge complete
One red light flashes		Abnormal charging
Red and green lights flash alternately		Abnormal temperature of battery

- during transportation in vehicles.
- Store the charger at normal room temperature. Do not store it in excessive heat and do not store the battery pack on the tool.

## ENVIRONMENTAL PROTECTION

Waste electrical products must not be disposed of with household waste. According to the European Battery Directive, defective or used battery packs/batteries must be collected separately and disposed of in an environmentally correct manner. Please recycle where facilities exist. 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.

## 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.

- Never use water or chemical cleaners to clean your charger. Keep the charger clean and clear of debris. Wipe clean with a dry cloth. Always store your charger in a dry place.
- When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting battery terminals together may cause burns or fires.
- 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.
- Protect the charger from any heavy impact or strong vibrations which may occur

## 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.

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>SOLUTION</b>
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 a different, properly working battery. If the flashing red light persists, have the charger checked by an authorized service dealer.

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





