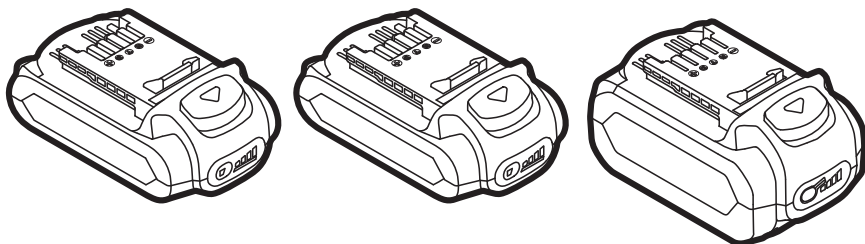


HAMMERHEAD™



20V 1.5AH/2.0AH/4.0AH BATTERY



MODEL HCBT015/HCBT020/HCBT040

ATTACH YOUR RECEIPT HERE

Serial Number _____ Purchase Date _____



Questions, problems, missing parts? Before returning to your retailer, call our customer service department at 1-877-888-1880, 8:30 a.m. – 8:00 p.m. EST (Monday – Friday) & 10:00 a.m. – 6:00 p.m. EST (Saturday and Sunday).

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SAFETY INFORMATION

PRODUCT SPECIFICATIONS

Model No.	HCBT015	HCBT020	HCBT040
Battery Capacity	1.5Ah	2.0Ah	4.0Ah
Battery Voltage	20V DC		
Battery Type	Lithium-Ion		
Charger Compatibility	HCCG013, HCCG040		
Charging Time with HCCG013	225mins	300mins	600mins
Charging Time with HCCG040	60mins	75mins	150mins
Recommended Charging Temperature	41~104°F (5~40°C)		
Recommended Storage Temperature	41~104°F (5~40°C)		
Recommended Working Temperature	41~104°F (5~40°C)		

Please read and understand this entire manual before attempting to assemble or operate this product. If you have any questions regarding the product, please call Hammerhead customer service at 1-877-888-1880, 8:30 a.m. – 8:00 p.m. EST (Monday – Friday) & 10:00 a.m. – 6:00 p.m. EST (Saturday and Sunday).

WARNING

The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power-tool operation, always wear safety goggles or safety glasses with side shields and a full-face shield, when needed. We recommend using a wide vision safety mask over eyeglasses or standard safety glasses with shields. Always use eye protection marked to comply with ANSI Z87.1.

DANGER






People with electronic devices, such as pacemakers, should consult their physician(s) before using this product. Operation of electrical equipment in close proximity to a heart pacemaker could cause interference or failure of the pacemaker.

SAFETY INFORMATION

Know the Tool

To operate this tool, carefully read this manual and all labels affixed to the battery before using it. Keep this manual available for future reference.

Some of the following symbols may be used on this charger. Please study them and their meaning. Proper interpretation of these symbols will allow you to operate the tool better and more safely.

SYMBOL	DEFINITION	SYMBOL	DEFINITION
V	Volts	A	Amps
Wh	Watts-Hours	Ah	Ampere-Hours
min	Minutes		Direct current
	A danger, warning or caution. It means ‘ ATTENTION! Your safety is involved. ’		Li-ion RBRC seal
	Read the instructions		This symbol designates that this tool is listed by Underwriters Laboratories, to United States and Canadian Standards.

IMPORTANT: This tool should only be serviced only by a qualified service technician.


IMPORANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS—This manual contains important safety and operating instructions for batteries MODEL HCBT015/HCBT020/HCBT040.

DANGER

To reduce the risk of fire or electric shock, carefully follow these operating instructions.

SAFETY INSTRUCTIONS

 **WARNING** Read all safety warnings, instructions, illustrations and specifications. 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.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAFETY INFORMATION

Work area safety

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.

Electrical safety

- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

Battery tool use and care

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **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 the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 265 °F may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

SAFETY INFORMATION

Specific Safety Rules

- **Before using battery, read all instructions and cautionary markings on (1) battery charger, (2) battery pack, and (3) product using battery.**
- **Risk of fire and burns. Do not recharge, disassemble, heat above 100 °C(212 °F), or incinerate. Keep battery out of reach of children and in original package until ready to use.**
- **Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories.**
- **Do not place battery tools or their batteries near fire or heat.**
- **Charge battery pack within the required temperature range.**
- **Store charger and battery pack in locations where temperature is within the recommended storage temperature range.** This is important to prevent serious damage to the battery cells.
- **Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow.** A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- **Do not insert battery pack in charger if battery pack case is cracked.** Using damaged battery pack may result in electric shock or fire.
- **Batteries vent hydrogen gas and can explode in the presence of a source of ignition such as a pilot light.** To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- **Do not recharge battery in damp or wet environment. Do not expose charger to rain or snow.** Water entering battery charger may result in electric shock or fire.
- **Do not store outside or in vehicles.**
- **Do not store battery pack in charger.** Battery pack stored in charger over a long period of time could lead to battery pack damage and fire.
- **Battery leakage may occur under extreme usage or temperature conditions. Avoid contact with skin and eyes.** The battery liquid is caustic and could cause chemical burns to tissues. If liquid comes in contact with skin, wash quickly with soap and water. If the liquid contacts your eyes, flush them with water for a minimum of 10 minutes and seek medical attention.
- **Do not let gasoline, oils, petroleum-based products, etc. come in contact with plastic parts.** They contain chemicals that can damage, weaken or destroy plastic.
- **Do not touch the uninsulated portion of output connector or uninsulated battery terminal.** There is a risk of electric shock.

SAFETY INFORMATION

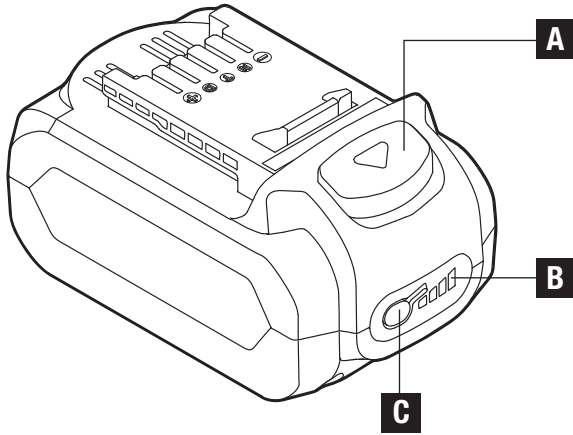
- **Replace battery pack if a substantial drop in operating time per charge is observed.** Battery pack may be nearing the end of its life.

PREPARATION

Before attempting to use the battery, familiarize yourself with all of its operating features and safety requirements.

PACKAGE CONTENTS

1



PARTS	DESCRIPTION
A	Battery-release Button
B	Power-indicator
C	Power-indicator Button

OPERATING INSTRUCTIONS

⚠ WARNING To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your charger or battery pack in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products, etc, can cause a short circuit.

⚠ WARNING Do not attempt to modify the battery pack or create accessories not recommended for use with this battery pack. Any such alteration or modification is misuse and could result in a hazardous condition leading to possibly serious personal injury.

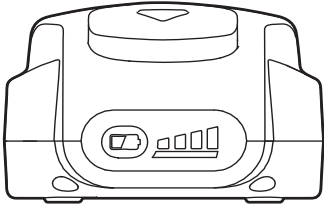
1. Power Indicator (FIG.2)

This lithium-ion battery pack is equipped with a power indicator that displays the battery pack's charge status. Press the power-indicator button to display the LED lights in the power indicator. The LED lights will stay lit for approximately 5 seconds. It is recommended that the battery pack be brought up to full charge before starting a big job or using it for an extended period of time.







NOTICE: The power indicator can be used whether the battery is attached or removed from tool.

Press the power-indicator button to display the battery pack charge status.

2



Flash Off On

80-100% Charge	
60-79% Charge	
40-59% Charge	
20-39% Charge	
under 20% Charge	
completely discharged	

OPERATING INSTRUCTIONS

2. Low Capacity Warning

If one LED on the power indicator begins to flash, the battery pack's charge is under 20% capacity and should be recharged. Unlike other types of battery packs, lithium-ion battery packs deliver fade-free power for their entire run time. The tool will not experience a slow, gradual loss of power as it is used. The power delivered to the tool will drop quickly when the battery pack is at the end of its run time and needs to be charged. It is not necessary to completely discharge the battery pack before recharging. Remove the battery pack from the tool and recharge it when it is convenient or when it is not in use.

3. Over-temperature Warning

The battery circuitry also protects the battery pack from over heating. To protect the battery pack from damage and prolong its life, the battery pack circuitry will send a warning signal to the tool if the temperature becomes too high during use. All power indicators will stay RED to warn of the over-temperature condition. This may happen in extremely high torque, binding, and stalling situations. The battery pack will begin normal operation after it has cooled down

NOTICE: A significantly reduced run time after fully charging the battery pack indicates that the batteries are near the end of their usable life and must be replaced.

4. Cold Weather Operation

When the battery pack is very cold, the performance may be weakened. Put the battery pack on a tool and use the tool in a light application for a while to "warm up" the battery pack or place the battery pack under room temperature for conditioning. The battery pack will operate normally.

OPERATING INSTRUCTIONS

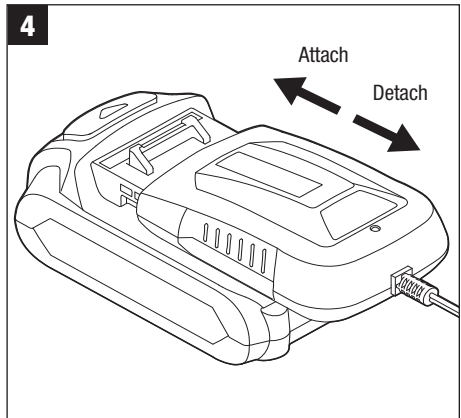
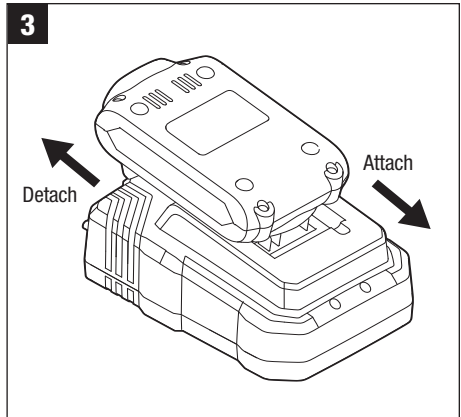
5. To Charge The Battery Pack

NOTICE: This lithium-ion battery pack is shipped partially charged. Before using it the first time, fully charge the battery pack.

- a. Always charge the battery pack with the correct charger.
- b. Connect the charger to a power supply.
- c. Attach the battery pack to the charger by aligning the raised ribs of the battery pack with the slot in the charger. Slide the battery pack onto the charger (Fig. 3).
- d. When the charger indicates that the battery pack is fully charged, remove it from the charger.


Please refer to the charger manual for detailed charging operation instructions.

NOTICE: If the battery pack cannot accept a charge, the contacts of the charger or battery pack may be contaminated. Clean the contacts of the charger or battery pack (e.g., by inserting and removing the battery several times or scrubbing with a cotton swab and alcohol), or replace the battery pack, as required.



CARE AND MAINTENANCE


Service

 **WARNING: Preventive maintenance performed by unauthorized personnel may result in misplacing of internal wires and components which could cause serious hazard.** Please contact customer service or an authorized service center for assistance.


General Maintenance


 **WARNING: When servicing, use only identical replacement parts. Use of any other parts could create a hazard or cause product damage.**

Periodically inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this product until all missing or damaged parts are replaced. Please contact customer service or an authorized service center for assistance.

 **WARNING: To avoid serious personal injury, always remove the battery pack from the charger/tool when cleaning or performing any maintenance.**

Cleaning


 **WARNING:** The tool may be cleaned most effectively with compressed dry air. **Always wear safety goggles when cleaning tools with compressed air.** Do not attempt to clean by inserting pointed objects through openings.

 **WARNING: Certain cleaning agents and solvents damage plastic parts.** Some of these are: gasoline, carbon tetrachloride, chlorinated cleaning solvents, ammonia and household detergents that contain ammonia. Always use only a soft, dry cloth to clean your battery pack; never use detergent or alcohol.

Storage

Store the tool indoors in a place that is inaccessible to children. Keep it away from corrosive agents.

BATTERY CARE

 **WARNING: When batteries are not installed on the tool or charger, keep them away from metal objects.** For example, to protect terminals from shorting DO NOT place batteries in a tool box or pocket with nails, screws, keys, etc. Fire or injury may result.

DO NOT PUT BATTERIES INTO FIRE OR EXPOSE TO HIGH HEAT. They may explode.

FOR RECYCLING



To preserve natural resources, please recycle or dispose of batteries properly. This product contains lithium-ion batteries. Local, state, or federal laws may prohibit disposal of lithium-ion batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.

TROUBLE SHOOTING

Problem	Cause	Remedy
Battery pack will not charge	Over or under optimal operating temperature.	Cool the battery pack if too hot or place the battery pack in room temperature if too cold.
	Defective charger	Have the charger serviced by Hammerhead customer service.
	Defective battery pack.	Have the battery pack serviced by Hammerhead customer service

WARRANTY

This battery is warranted to the original purchaser from the original purchase date for 12 Months, Hammerhead consumer portable power tool models will be free from defects in material or workmanship for a period of ninety days if the tool is used for professional use. Please retain your receipt.

This battery is warranted to the original user to be free from defects in material and workmanship. If you believe that the battery is defective at any time during the specified warranty period, call HAMMERHEAD support at 1-877-888-1880 to speak with a customer service agent. This warranty does not cover: (1) Part failure due to normal wear or tool abuse; (2) any parts have been altered or modified by anyone other than an authorized HAMMERHEAD personnel.

This warranty excludes bits, bulbs and accessories. This warranty gives you specific legal rights, and you may also have other rights that vary from state.

