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## SnapFresh BBT-XH20V

# SnapFresh 20V Battery Fast Charger (BBT-XH20V) Instruction Manual

Model: BBT-XH20V

## 1. INTRODUCTION

This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your SnapFresh 20V Battery Fast Charger, model BBT-XH20V. Please read this manual thoroughly before using the charger to ensure proper function and safety.

The SnapFresh BBT-XH20V charger is designed to quickly and efficiently charge SnapFresh 20V lithium-ion batteries, specifically models BBT-DC20A (2.0Ah) and BBT-DC40A (4.0Ah).

## 2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Before using the charger, read all instructions and cautionary markings on the charger, battery, and product using the battery.
- **Indoor use only:** This charger is designed for indoor use only. Do not expose it to rain or wet conditions.
- **Proper ventilation:** Ensure adequate ventilation during charging. Do not cover the charger or battery.
- **Use only SnapFresh batteries:** This charger is exclusively designed for SnapFresh 20V lithium-ion batteries (BBT-DC20A, BBT-DC40A). Do not attempt to charge non-rechargeable batteries or batteries from other brands, as this may cause personal injury and damage.
- **Damaged cord/plug:** Never operate the charger if the cord or plug is damaged. Replace immediately.
- **Damaged charger:** Do not operate the charger if it has received a sharp blow, been dropped, or damaged in any way. Take it to an authorized service center.
- **Do not disassemble:** Do not disassemble the charger. Incorrect reassembly may result in a risk of electric shock or fire.
- **Unplug when not in use:** Unplug the charger from the power outlet when not in use or before cleaning.
- **Children and pets:** Keep the charger and battery out of reach of children and pets.

### 3. PRODUCT OVERVIEW

The SnapFresh 20V Battery Fast Charger (BBT-XH20V) features a compact and lightweight design with clear LED indicators for charging status.



Image 1: SnapFresh 20V Battery Fast Charger (BBT-XH20V). This image shows the charger with its power cord and plug, highlighting its overall design.

#### Key Features:

- **Lightweight Design:** Weighs approximately 0.8 lbs (0.3 kg) for easy portability and storage.
- **LED Indicator:** Provides clear visual feedback on charging status.
- **Rapid Charging:** Charges a 2.0Ah battery in 60 minutes and a 4.0Ah battery in 120 minutes.
- **Wall-Hang Hooks:** Integrated hooks for convenient wall-mounted storage.



**0.8 LBS**

## **LIGHTWEIGHT DESIGN**

Image 2: The charger's lightweight design, weighing 0.8 lbs, making it easy to handle and store.



## LED INDICATOR

Image 3: Close-up of the charger's LED indicators, showing both red and green lights for charging status.

### 4. SETUP

- 1. Unpack:** Carefully remove the charger from its packaging. Inspect for any damage.
- 2. Power Connection:** Plug the charger's power cord into a standard 110-240V AC electrical outlet. The charger is compatible with both 110V and 240V input.
- 3. Placement:** Place the charger on a stable, flat surface, or utilize the integrated wall-hang hooks for wall-mounted installation. Ensure the charging area is well-ventilated and away from flammable materials.



Image 4: The underside of the charger showing the integrated wall-hang hooks for convenient mounting.

## 5. OPERATING INSTRUCTIONS

### Charging a Battery:

- Insert Battery:** Align the SnapFresh 20V battery (BBT-DC20A or BBT-DC40A) with the charger's slot and slide it in until it clicks securely into place.
- Monitor Indicator Light:** Upon insertion, the charger's LED indicator will illuminate. **A red light** indicates that the battery is currently charging.
- Charging Complete:** When the battery is fully charged, the LED indicator will turn **green**.
- Remove Battery:** Once charging is complete, press the battery release button (if applicable) and slide the battery out of the charger.
- Unplug Charger:** Disconnect the charger from the power outlet when not in use.



Image 5: A SnapFresh 20V battery being inserted into the charger, illustrating the rapid charging process. A 2.0Ah battery charges in 1 hour, and a 4.0Ah battery charges in 2 hours.

#### Approximate Charging Times:

- **2.0Ah Battery (BBT-DC20A):** Approximately 60 minutes
- **4.0Ah Battery (BBT-DC40A):** Approximately 120 minutes

## 6. MAINTENANCE AND STORAGE

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a dry cloth to wipe the exterior of the charger. Do not use water or chemical cleaners.
- **Storage:** Store the charger in a dry, cool place, away from direct sunlight and moisture. Ensure the charger is unplugged when stored.
- **Cord Care:** Avoid wrapping the cord tightly around the charger. Do not carry the charger by its cord.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Charger indicator light does not illuminate.	No power to charger; faulty outlet; damaged charger.	Check power outlet; ensure charger is plugged in correctly; inspect charger for damage.
Red light flashes or does not turn green after extended charging.	Battery is too hot/cold; battery is faulty; charger malfunction.	Allow battery to reach room temperature; try charging a different battery; contact customer support if issue persists.
Charger gets excessively hot.	Poor ventilation; internal fault.	Ensure charger is in a well-ventilated area; discontinue use and contact customer support.

## 8. TECHNICAL SPECIFICATIONS





## PRODUCT INFORMATION



3.9in (9.9cm)      4.92in (12.5cm)      60in (150cm)

**0.66lbs (0.3kg)**

**20V Battery Charger**

Image 6: Detailed product information including dimensions and weight of the SnapFresh 20V Battery Fast Charger.

Specification	Detail
Model Number	BBT-XH20V

Specification	Detail
Input Voltage	110-240V AC, 50/60Hz
Output Voltage	20V DC
Output Current	2.5A
Power Output	65W
Product Dimensions	4.2 x 2.7 x 7.6 inches (10.7 x 6.9 x 19.3 cm)
Item Weight	12.8 ounces (0.36 kg)
Compatibility	SnapFresh 20V Lithium-ion Batteries (BBT-DC20A, BBT-DC40A)

## 9. COMPATIBLE BATTERIES

This charger is designed for exclusive use with SnapFresh 20V lithium-ion batteries. Using incompatible batteries may result in damage to the charger, battery, or personal injury.

- SnapFresh 20V 2.0Ah Battery (Model: BBT-DC20A)
- SnapFresh 20V 4.0Ah Battery (Model: BBT-DC40A)



SnapFresh 20V 2.0Ah Battery



SnapFresh 20V 4.0Ah Battery