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STANLEY SC125-B3

STANLEY 20V 1.5A Battery Charger User Manual

MODEL: SC125-B3

Introduction

Thank you for choosing the STANLEY 20V 1.5A Battery Charger, model SC125-B3. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your charger. Please read this manual carefully before use and retain it for future reference.

Important Safety Instructions

Always follow 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 pack, and product using the battery pack.
- **Indoor use only:** Do not expose the charger to rain or wet conditions. It is designed for indoor use only.
- **Use correct voltage:** Ensure the power supply voltage matches the voltage specified on the charger's rating plate.
- **Avoid damage:** Do not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged. Take it to an authorized service center.
- **Proper ventilation:** Do not block ventilation openings. Ensure adequate airflow around the charger during operation.
- **Disconnect power:** Unplug the charger from the outlet when not in use or before cleaning.
- **Use specified batteries:** Only charge STANLEY V20 Lithium Ion battery packs. Other battery types may burst, causing personal injury and damage.
- **Do not short-circuit:** Never short-circuit the battery terminals.
- **Keep away from children:** This appliance 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 appliance by a person responsible for their safety.

Product Overview

The STANLEY SC125-B3 is a dedicated charger for STANLEY V20 Lithium Ion battery packs. It features a compact design and indicator lights to show the charging status.



Figure 1: Front view of the STANLEY SC125-B3 Battery Charger. This image displays the main body of the charger, showing the battery slot and indicator lights.



Figure 2: Angled view of the STANLEY SC125-B3 Battery Charger. This perspective highlights the ventilation grilles and the overall shape of the unit.



Figure 3: The STANLEY V20 Lithium Ion system logo. This indicates compatibility with the V20 series of STANLEY tools and batteries.

Setup

1. **Unpack the charger:** Remove the charger from its packaging and inspect it for any damage. Do not use if damaged.
2. **Choose a location:** Place the charger on a dry, stable surface, away from direct sunlight, heat sources, and moisture. Ensure adequate ventilation.
3. **Connect to power:** Plug the charger's power cord into a standard 120V AC electrical outlet. The charger is now ready for use.

Operating Instructions: Charging a Battery

Follow these steps to charge your STANLEY V20 Lithium Ion battery pack:

1. **Insert battery:** Slide the STANLEY V20 Lithium Ion battery pack onto the charger until it clicks securely into place.
2. **Monitor indicator lights:** The charger features indicator lights to communicate the charging status:
 - **Solid Red Light:** Battery is charging.
 - **Solid Green Light:** Battery is fully charged.
 - **Flashing Red Light:** Battery or charger fault. Disconnect the battery and charger, wait a few minutes, then try again. If the issue persists, contact customer support.
 - **Flashing Green Light:** Battery is too hot or too cold. The charger will wait until the battery reaches an appropriate temperature before beginning to charge.
3. **Remove battery:** Once the green light is solid, the battery is fully charged. Press the release button on the battery pack and slide it off the charger.
4. **Disconnect charger:** Unplug the charger from the power outlet when not in use.

Note: A new battery pack or one that has been stored for a long period may not reach full charge capacity until after several charge/discharge cycles.

Maintenance

- **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 cool, dry place, away from direct sunlight and moisture. Do not store the battery pack on the charger for extended periods.
- **Inspection:** Periodically inspect the charger cord and housing for any signs of damage. If damaged, do not use and have it repaired by an authorized service center.

Troubleshooting

Problem	Possible Cause	Solution
Charger indicator light does not illuminate.	No power to the charger.	Check if the charger is properly plugged into a live outlet. Test the outlet with another device.
Flashing Red Light.	Battery or charger fault.	Remove the battery, unplug the charger, wait 5 minutes, then re-insert the battery and plug in the charger. If the issue persists, the battery or charger may be defective.
Flashing Green Light.	Battery temperature is too extreme (hot or cold).	Move the battery and charger to a room temperature environment (18°C to 24°C or 65°F to 75°F) and allow the battery to acclimate before attempting to charge.
Battery does not fully charge.	New battery or long-stored battery.	Allow several charge/discharge cycles for the battery to reach full capacity.

Specifications



Figure 4: Dimensions of the STANLEY SC125-B3 Battery Charger, showing length, width, and height measurements.

Feature	Detail
Model Number	SC125-B3

Feature	Detail
Input Voltage	120V AC
Output Voltage	20V DC
Charging Current	1.5 Amperes
Compatible Battery Type	STANLEY V20 Lithium Ion
Power Source	Corded Electric
Dimensions (L x W x H)	17.2 cm x 16.5 cm x 5.8 cm
Weight	300 g

Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official STANLEY website. Keep your proof of purchase for any warranty claims.

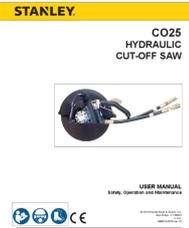
STANLEY Official Website: www.stanleytools.com



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Related Documents - SC125-B3

	<p>Stanley BB24PS Lithium-Ion LED Bright Bar Instruction Manual</p> <p>Comprehensive instruction manual for the Stanley BB24PS Lithium-Ion LED Bright Bar, covering features, safety guidelines, operation, charging, USB port usage, maintenance, troubleshooting, warranty, and specifications.</p>
	<p>Stanley TL450PS Lithium-Ion LED Flashlight Instruction Manual</p> <p>Comprehensive instruction manual for the Stanley TL450PS Lithium-Ion LED Flashlight, covering safety guidelines, operation, charging, maintenance, troubleshooting, and warranty information.</p>

	<p>Stanley Ultra Bright LED Spotlight (SL5W09) Instruction Manual</p> <p>Official instruction manual for the Stanley Ultra Bright LED Spotlight (Model SL5W09). Provides detailed information on features, safety guidelines, charging procedures, operation, troubleshooting, and the one-year limited manufacturer's warranty. Includes essential safety warnings for lithium-ion batteries and proper disposal instructions.</p>
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