BCXY CS-TRS800SL

BCXY CS-TRS800SL Lithium-ion Battery Instruction Manual

Model: CS-TRS800SL | Brand: BCXY

Introduction

This manual provides essential instructions for the safe and effective use, installation, and maintenance of your BCXY CS-TRS800SL Lithium-ion battery. This battery is designed as a replacement for various Trimble Total Stations. Please read this manual thoroughly before using the battery.

Safety Information and Warnings

Your safety is paramount. Please observe the following warnings and precautions:

- **CAUTION:** WARRANTY VOID IF LABEL IS REMOVED.
- **DO NOT** attempt to disassemble, open, or service the battery pack.
- Replace only with the battery pack designated for this product.
- **DO NOT** crush, puncture, short external contacts, or dispose of in fire or water.
- **DO NOT** store above 60°C (140°F).
- **ATTENTION!** New battery pack must be fully charged before use.
- To reduce risk of fire or burns, read instructions in the operating guide before using the battery.



Image of the BCXY CS-TRS800SL Lithium-ion battery pack, showing model number, part number, rating (11.1VDC, 5200mAh, 57.72Wh), and safety warnings.

Compatibility and Setup

This battery is compatible with the following Trimble Total Station models and battery part numbers:

Compatible Total Station Models:

- SPS730 Total Station
- RTS633 Total Station
- VX Total Station
- RTS655 Total Station
- S7 Total Stations
- SPS710 Total Station
- S9 Total Stations
- S5 Total Station

Compatible Battery Part Numbers:

- 99511-30
- 79400

Installation:

1. Ensure the Total Station is powered off before attempting battery replacement.
2. Locate the battery compartment on your Trimble Total Station. Refer to your Total Station's specific user manual for exact location and opening instructions.
3. Carefully remove the old battery.
4. Insert the new BCXY CS-TRS800SL battery, ensuring proper alignment of the contacts.
5. Close the battery compartment securely.

Operating Instructions

Initial Use:

For optimal performance and battery longevity, the new battery pack **must be fully charged before its first use**.

Charging:

Use only the original charger or a compatible charger designed for your Trimble Total Station batteries. When charging multiple batteries:

- If two batteries are inserted into the original charger, the charger will prioritize and only charge the first battery inserted.
- The second battery inserted will begin charging only after the first battery is fully charged.

Discharge:

Allow the battery to discharge naturally during use. Avoid intentionally fully discharging the battery to 0% frequently, as this can reduce its overall lifespan.

Maintenance and Storage

General Care:

- Keep the battery contacts clean and free from dirt or debris.
- Avoid exposing the battery to extreme physical shock or vibration.
- Do not expose the battery to moisture or liquids.

Storage:

- **DO NOT** store above 60°C (140°F).
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to store the battery with a partial charge (around 50-60%) rather than fully charged or fully discharged.

Troubleshooting

If you encounter issues with your battery, consider the following:

- **Battery Not Charging:** Ensure the battery is correctly inserted into the charger and the charger is properly connected to a power source. Check for any visible damage to the battery or charger.
- **Short Operating Time:** Ensure the battery was fully charged before use. Battery capacity can decrease over time with extensive use.
- **Battery Not Recognized:** Re-insert the battery into the Total Station. Ensure the contacts are clean.

If problems persist, refer to the troubleshooting section of your Trimble Total Station's user manual or contact customer support.

Specifications

Model Number	CS-TRS800SL
Part Number	79400
Battery Type	Lithium-ion Battery Pack
Voltage	11.1V
Capacity	5200mAh
Watt-Hours (Wh)	57.72Wh
Dimensions (L x W x H)	126.0 x 74.3 x 25.1mm (4.96 x 2.93 x 0.99 inches)

Weight	473.0g (1.04 pounds)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS
Manufacturer	BCXY (Manufactured by ShenZhen HENZENS Technology Co., Limited)

Warranty Information

Warranty coverage for this product is provided by the manufacturer, BCXY. Please retain your proof of purchase for any warranty claims. As stated in the safety information, the warranty may be void if the product label is removed. For specific warranty terms and conditions, please contact BCXY customer support or refer to the product packaging.

Customer Support

For further assistance, technical support, or inquiries regarding your BCXY CS-TRS800SL battery, please contact BCXY customer service. Refer to the product packaging or the official BCXY website for contact details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question