

GARMIN®

LITHIUM-ION BATTERY

INSTRUCTIONS

Battery Warnings

⚠ WARNING

Failure to heed the following warnings could result in death, serious injury, or property damage.

A lithium-ion battery is used for this device.

If these guidelines are not followed, batteries may experience a shortened life span or may present a risk of damage to the device, fire, chemical burn, electrolyte leak, and/or injury.

- Use only the external battery charger provided by Garmin®.
- Only use the battery with Garmin approved products.
- KEEP BATTERIES AWAY FROM CHILDREN.
- Do not directly or indirectly short any wiring, terminals, or contacts of the battery.
- Do not disassemble, modify, remanufacture, puncture or damage the battery.
- Do not expose the battery to fire, explosion, or other hazard.
- Do not use a sharp object to remove or tamper with the battery or parts of the battery.
- Do not immerse or expose the battery to water or other liquids. Do not allow the battery to get wet.
- Do not store the battery in your vehicle or in high temperature areas. Do not leave the battery exposed to a heat source or in a high-temperature location, such as in the sun in an unattended vessel. To prevent the possibility of damage, remove the battery from the vessel or store it out of direct sunlight.
- Do not attempt to charge the battery outside of the following range: from 10° to 45°C (from 50° to 113°F).
- Do not operate (discharge) the battery outside of the following temperature range: from -20° to 60°C (from -4° to 140°F).
- When storing the battery for an extended time period, store within the following temperature range: from 10° to 20°C (from 50° to 68°F).
- Do not connect any cables to the battery that are not approved for this battery by Garmin.
- Only replace the battery with the correct replacement battery. Using other batteries presents a risk of fire or explosion. To purchase a replacement battery, see your Garmin dealer or garmin.com.
- Do not leave the battery unattended while charging.
- Do not leave the battery charging near wood, carpet, paper, or other flammable materials.
- Check the battery connections for correct polarity before charging.
- Recharge the battery promptly after it is discharged, ideally within 24 hours. Charge battery every six months during long term storage to maintain peak performance.
- Do not operate or charge a battery that has been dropped or damaged in any way.

Limited Warranty

The Garmin standard limited warranty applies to this accessory. For more information, go to www.garmin.com/support/warranty.

Charging the Battery

WARNING

To avoid serious personal injury or damage to the equipment, do not connect any cables to the battery that are not approved for this battery by Garmin. Only use the included all-in-one cable and charger to charge the battery.

Ensure that you connect the correct connector to the correct battery terminal. Damage to the battery or device, or bodily harm may occur if the device is improperly connected to the battery.

- 1 Remove the battery terminal covers.
- 2 Connect the red and black spade connectors from the all-in-one cable onto the corresponding battery terminals.
- 3 Remove the charger port cap on the all-in-one cable.
- 4 Connect the all-in-one cable to the charger.
- 5 Connect the charger to a power outlet.
- 6 Check the status of the LED on the charger.

LED Color	Status
Green	Outside of charging temperature range or fully charged
Red	Charging
Red blinking	NOTE: Battery connections may be reversed. Disconnect the charger from the wall outlet and battery power cable immediately. Correct the battery connections.

If the indicator LED is red, the battery is charging. It takes up to 8 hours to fully charge a fully discharged battery, depending on the internal battery temperature.

When the indicator LED is green, the battery is fully charged or outside of the charging temperature range. The battery charges when it is within the charging temperature range of 10° to 45°C (50° to 113°F).

NOTE: If the indicator LED is blinking red, disconnect the charger from the wall outlet and the battery power cable. Correct the battery connections by reconnecting the spade connectors to the correct battery terminals.

During long term storage, charge the battery every 6 months to maintain peak performance.

Battery Specifications

Battery type	Lithium ion, 16.5 Ah
Battery runtime (approx.) at 100% screen brightness ¹	Up to 11.2 hrs. at 55°C (131°F) Up to 11.4 hrs. at 0°C (32°F) Up to 10.1 hrs. at -20°C (-4°F)
Battery runtime (approx.) at 50% screen brightness ²	Up to 13.9 hrs. at 55°C (131°F) Up to 14.4 hrs. at 0°C (32°F) Up to 13.8 hrs. at -20°C (-4°F)
Operating temp. range	From -20° to 60°C (from -4° to 140°F)
Charging temp. range	From 10° to 45°C (from 50° to 113°F)
Storage temp. range	From 10° to 20°C (from 50° to 68°F)
Battery dimensions (L × W × H)	140 × 99 × 100 mm (5.51 × 3.90 × 3.93 in.)
Battery weight	3.33 lb (1.51 kg)

¹ The actual battery life of a fully charged battery when powering a LiveScope™ ice fishing bundle can vary based on the device used, backlight brightness, temperature the battery is operated and stored in, age of the battery, and depth of the water.

² The actual battery life of a fully charged battery when powering a LiveScope ice fishing bundle can vary based on the device used, backlight brightness, temperature the battery is operated and stored in, age of the battery, and depth of the water.

