

## DigiTrak® SuperCell-R™ Li-Ion Rechargeable Battery Pack and Charger Quick Start Guide

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The advanced SuperCell-R LIR 40Wh SR40 battery kit is rechargeable over 300 times and is exclusive to and specially designed for SuperCore™ transmitters. The SuperCell-R battery is precisely engineered to meet the demands of the horizontal directional drilling industry and supplies the SuperCore transmitter with a powerful signal that ensures exceptional battery life across all locator power levels. The operating temperature range is 32°F - 113°F (0°C - 45°C), and storage temperature is -13°F - 140°F (-25°C - 60°C). Refer to the chart on the next page for battery charge details.



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1. Battery cap and battery spacer

2. SuperCell-R rechargeable battery

3. SuperCore transmitter



The DigiTrak Li charger kit includes a battery cradle, a power brick with cord, and one or two SuperCell-R Lithium-ion batteries.

DigiTrak SuperCell-R charger kit with battery inserted



- Do not use non-DCI SuperCell-R batteries in the charger. Damage to the charger and battery may occur.
- Only use SuperCell-R rechargeable batteries with the SuperCore.
- SuperCell-R batteries are not compatible with other DigiTrak transmitters.

For more information, see the **DigiTrak SuperCore Transmitter Quick Start Guide** or the **DCI DigiGuide™ App**.

## Charge the battery pack



Battery contacts

Plug in the charger and wait until the LED light flashes green. Insert the contact end of the battery into the cradle. The LED indicator shows the charging stage and errors. See the **DCI DigiGuide App** for details on the LED lights and error conditions.

LED	Charger Mode
Green (blinking)	Ready to charge. No battery detected.
Yellow (solid)	First 80% charging, approximately 2 hours. The battery can be used at 80%.
Yellow (blinking)	Last 20% to full charge, approximately another 2 hours.
Green (solid)	Fully charged. Approximately 4 hours total.

## Battery life

Battery life will vary based on power level, transmitter housing, frequency choice, SR40 battery temperature, battery age, charge level, and other factors. Transmitters save battery life by going into “Sleep mode” after 15 minutes of no rotation. A fast roll wakes the transmitter up.

## Power levels

The power level set by the locator determines how much power the transmitter uses and affects battery life.

- High power level for a strong signal with greater depth and data range
- Standard power level for best balance of battery life and depth
- Low power level for extended battery life

Power Level	Battery Life
High	Up to 10 hours
Standard	Up to 35 hours
Low	Up to 100 hours
Sleep mode	>1700 hrs

For more information, search “power levels” in the Ares manual in the **DCI DigiGuide App**.

## Battery Safety and Disposal



- The charger is intended for indoor use and is not waterproof or dustproof. To avoid overheating, make sure there is sufficient air circulation around the charger when in use. Do not cover it up.
- The charger must be kept from heat sources and may not be used in environments with flammable or explosive atmospheres.
- Only use the cords that come with the charger.
- Unplug the charger when not in use.
- The charger contains hazardous voltages, and there are no user-replaceable parts inside. Never attempt to remove the cover. Contact DCI Support.
- Lithium-ion batteries must be packaged and shipped by trained and certified personnel only. Never ship damaged batteries.



This symbol on equipment indicates that the equipment must not be disposed of with your other household waste.

It is your responsibility to dispose of such equipment at a designated collection point for the recycling of batteries or electrical and electronic equipment. If the equipment contains a banned substance, the label will show the pollutant (**Cd = Cadmium; Hg = Mercury; Pb = Lead**) near this symbol.

Before recycling, ensure batteries are discharged or the terminals are covered with adhesive tape to prevent shorting.

The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service, or the shop where you purchased the equipment.

Contact The Battery Network's Drop-off Locator at 1-877-2-RECYCLE or visit <https://batterynetwork.org/> to recycle your used battery.

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For detailed information, scan the QR code to install the **DCI DigiGuide App** from your smart device's App store. If you have questions, contact your regional DCI office or Customer Service at 1.425.251.0559 or 1.800.288.3610 USA/CA.



Watch our DigiTrak training videos at

[www.YouTube.com/DCIKent](http://www.YouTube.com/DCIKent)

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