

# 1650 mAh Battery Pack Instructions

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The 1650 mAh lithium-ion battery pack (Part No. 068537) is designed for use in a Trakker Antares® 242X terminal, a 243X terminal, or a 502X Data Collection PC™. The following table describes the methods you can use to charge your 1650 mAh battery pack.

Charging Method	Capacity	Charging Time
D5020 Serial Communications Dock with battery in 502X	Full 1650 mAh capacity	12 to 14 hours
D5020 Serial Communications Dock with battery in fast charge battery slot	Full 1650 mAh capacity	2.5 to 3.5 hours
External AC power supply with battery in 243X	Full 1650 mAh capacity	3.5 to 4.5 hours
L5020 Serial Communications Adapter and external AC power supply with battery in 502X	Full 1650 mAh capacity	12 to 14 hours
TD2400 Communications Dock with battery in 242X	**	17 hours
Trakker Antares Optical Link Adapter with battery in 242X	**	19 hours
TZ2400 Battery Charger	**	3.5 to 4.5 hours
Z2400 Battery Charger	Full 1650 mAh capacity	3.5 to 4.6 hours

\*\* This charging method does not guarantee recharging the battery pack to its full 1650 mAh capacity.

Before using the battery pack, please read these instructions thoroughly and retain them for future reference.



**Note:** Use only the Intermec battery chargers or devices described in these instructions to charge the 1650 mAh battery pack. Although the battery pack looks similar to commercially available video camera battery packs, it **will not** work in other battery chargers.

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## Charging the Battery Pack

- You must fully charge your battery pack prior to using it in a 242X terminal, a 243X terminal, or a 502X PC.
- If you use the Z2400 battery charger, TZ2400 battery charger, or the D5020 Serial Communications Dock to recharge your battery pack, remove the battery pack from the charger within 24 hours after charging is complete.
- Battery packs can be charged after partial discharge without affecting the original battery capacity.



### Caution

*Use only the methods described in this instruction sheet to recharge the Intermec battery pack (Part No. 068537). Recharging this battery pack with any other charger could result in damage to the battery pack.*

### Conseil

*Utilisez seulement les méthodes décrites dans cette feuille d'instructions pour recharger le bloc-batterie Intermec (réf. n° 068537). Ne pas recharger cette batterie avec un autre type de chargeur car cela risque d'endommager la batterie.*

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## ***Important Recommendations***

- Charge the battery pack immediately before use or within a couple of days of use.
- Do not short circuit the battery pack and keep it away from metallic items.
- Do not disassemble, open, or modify the battery pack.
- Do not drop the battery pack or apply mechanical shocks or pressure to it.
- Do not expose the battery pack to excessive heat or fire.
- Do not store the battery pack at temperatures above 60°C (140°F), such as inside a car on a hot day or in direct sunlight, as this may damage the battery pack.
- Do not immerse the battery pack in water or get the battery pack wet.
- Do not solder directly to the battery pack contacts.
- Use the Intermec battery pack (Part No. 068537) only with a 242X terminal, a 243X terminal, or a 502X PC. Use of this battery pack in other applications could result in damage to the device and/or battery pack.
- For maximum battery efficiency, the recommended temperature range for charging and storing battery packs is 10°C to 40°C (50°F to 104°F).
- Keep the battery contact holes clean and free of dust and dirt. Remove any accumulated debris using a non-metallic pointed object, such as the sharpened end of a wooden pencil.
- Do not recharge battery packs in locations that are extremely hot or cold, dusty or dirty, very humid, or subject to vibration.

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## ***Disposal Instructions***

Dispose of used battery packs properly. If you are unsure of how to properly dispose of this battery pack, contact your local Intermec office for disposal information.

- Discarded battery packs may create a safety hazard. Before disposal, cover the battery pack contact terminals with electrical insulating tape.
- Keep away from children.
- Do not disassemble or dispose of in fire.

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## ***Specifications***

Design and specifications are subject to change without notice.

**Product** Intermec lithium-ion battery pack (Part No. 068537)

**Maximum output** 8.4 VDC

**Mean output** 7.4 VDC

**Capacity** 1650 mAh

**Operating temperature** -20°C to 50°C (-4°F to 122°F)

**Storage temperature** -20°C to 60°C (-4°F to 140°F)

**Dimensions** Approx. 75 x 40 x 22 mm (3 x 1.6 x 0.9 in)

**Weight** Approx. 110 g (3.8 oz)

Part No. 068979-004



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