

Specifications

Design and specifications are subject to change without notice.

Product	Intermec TZ2410 battery charger
Electrical requirements	Input voltage: $\overline{\text{---}}$ 12V; 1,7A
Application	Intermec lithium-ion battery pack (P/N 069428, P/N 069429, P/N 073929, or P/N 073930)
Charge cycle	Current limit: 1.4 Amps maximum Float voltage: 4.2V + 50 mV, - 100mV
Operating environment	Temperature: 0°C to 50°C (32°F to 122°F) Humidity: 0 to 95%, non-condensing
Storage environment	Temperature: -20°C to 50°C (-4°F to 122°F) Humidity: 0 to 95%, non-condensing
Dimensions	Approximately 51 x 102 x 178 mm (2 x 4 x 7 in)
Weight	Approximately 365.7 g (12.9 oz)

Ordering Power Cords for the Battery Charger

The AC power cord is ordered separately. If you need to order an Intermec power cord, contact your Intermec sales representative.

Country	Part Number
North and Central America	586105
Europe	586267
Denmark and Greenland	586283
Italy and Chile	586282
Liechtenstein and Switzerland	586276
United Kingdom	586266
South Pacific	586281
China	071918

4-Pack Battery Charger (TZ2410) Instructions



P/N 069549-002



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4-Pack Battery Charger (TZ2410) Instructions

Use the Trakker Antares® TZ2410 battery charger to simultaneously charge up to four battery packs for the Trakker Antares 241X Handheld Terminals.

Before using the charger, please read this guide and keep it for future reference. For help managing battery power, see your *Trakker Antares 241X Handheld Terminal User's Manual* (P/N 069538).

Choosing a Location for the Battery Charger



Warning

To prevent fire or electric shock, do not expose the battery charger to rain or moisture.

Attention Danger: Pour éviter des risques d'incendie ou de choc électrique, ne pas exposer le chargeur de la batterie à la pluie ou à l'humidité.

Use these guidelines to choose a location for the charger:

- Locate a flat, stable, and clean surface that is within 1.5 m (5 ft) of an electrical source (AC outlet).
- Provide access to the power supply jack on the battery charger and to the battery charger itself so you can easily load and unload batteries.

Connecting the Power Supply

Before you can use the battery charger, you will need to have an autoranging external power supply (P/N 065236 or P/N 073941). Plug the external power supply connector into the power supply jack on the battery charger and then connect the AC power cord (ordered separately) to the power supply and to an AC outlet.

Charging a Battery Pack

You can charge up to four Intermec-labeled lithium-ion battery packs simultaneously, using any slot. The charging times indicate the

maximum amount of time to charge a fully discharged battery. It may take less time depending on the state of the battery charge.

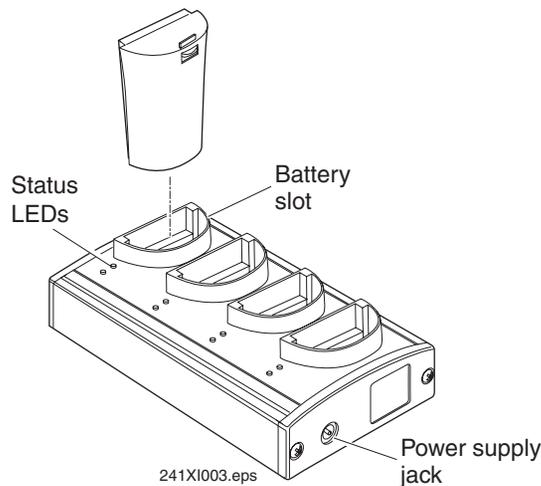
Battery Pack Charging Times

Battery Pack	Charging Time
1350 mAh single-cell (P/N 069428)	1.25 hours
2700 mAh dual-cell (P/N 069429)	2.5 hours
2400 mAh single-cell (P/N 073929)	5 hours
4800 mAh dual-cell (P/N 073930)	9 hours

Loading and Unloading a Battery Pack Into the Charger

Align the battery pack with a battery slot on the charger (as shown in the illustration) and slide the battery pack down until it fits firmly in the charger.

To unload a battery pack from the charger, simply pull it out of the battery slot. You can unload and use a battery pack before it has been fully charged.



Interpreting the Status LEDs

Each battery slot has two status LEDs that indicate the status of the battery pack in the slot.

Status LED Descriptions

Status LED	Description
Yellow	The battery pack is charging or cold.
Green	The battery pack is fully charged or over heated.
Off	The battery slot is empty or the charger is not plugged in.
Flashing Yellow	There has been a charge interrupt or timeout.

Important Recommendations

- Use only Intermec-labeled lithium-ion battery packs (P/N 069428, P/N 069429, P/N 073929, or P/N 073930) in the battery charger.
- Charge the battery pack immediately before use or within a couple of days of use.
- For maximum battery efficiency, the recommended temperature range when charging is 25°C (77°F).
- While the charger is in use, it becomes warm. This is normal.
- Remove the battery pack from the charger within 24 hours after charging is completed.
- Keep the battery and charger contacts clean and free of dust and dirt. Remove any accumulated debris using a non-metallic pointed object.
- Do not let anything metallic come into contact with the battery charger contacts.
- Do not disassemble the charger. There are no user-serviceable parts in the charger.
- Do not place the charger in locations that are extremely hot or cold, dusty or dirty, very humid, or subject to vibration.
- If any part of the charger appears worn or damaged, or if any difficulty arises while using the battery charger, unplug the battery charger immediately and contact your Intermec service representative.

Troubleshooting

If the charger does not charge the battery pack or if the LEDs do not light, try the following solutions:

- Make sure that the charger is plugged in to an electrical outlet and that the electrical outlet has power.
- Clean the contacts on the charger and battery pack with a cotton swab and isopropyl alcohol.