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Intermec



Installation Instructions

**EasyCoder PC4/
PC41 Mobile
Battery Unit**

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There are U.S. and foreign patents pending.

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Before You Begin

This section provides you with safety information, technical support information, and sources for additional product information.

Safety Summary

Your safety is extremely important. Read and follow all warnings and cautions in this document before handling and operating Intermec equipment. You can be seriously injured, and equipment and data can be damaged if you do not follow the safety warnings and cautions.

Do not repair or adjust alone

Do not repair or adjust energized equipment alone under any circumstances. Someone capable of providing first aid must always be present for your safety.

First aid

Always obtain first aid or medical attention immediately after an injury. Never neglect an injury, no matter how slight it seems.

Resuscitation

Begin resuscitation immediately if someone is injured and stops breathing. Any delay could result in death. To work on or near high voltage, you should be familiar with approved industrial first aid methods.

Energized equipment

Never work on energized equipment unless authorized by a responsible authority. Energized electrical equipment is dangerous. Electrical shock from energized equipment can cause death. If you must perform authorized emergency work on energized equipment, be sure that you comply strictly with approved safety regulations.

Battery pack disposal

The battery pack contains nickel/metal hydride (NiMH) cells which are potentially dangerous to the environment. Check and follow local regulations for disposal of nickel/metal hydride batteries. Do not disassemble the battery pack and only recharge it with approved equipment from Intermec.

Safety Icons

This section explains how to identify and understand dangers, warnings, cautions, and notes that are in this document. You may also see icons that tell you when to follow ESD procedures.



Warning

A warning alerts you of an operating procedure, practice, condition, or statement that must be strictly observed to avoid death or serious injury to the persons working on the equipment.



Caution

A caution alerts you to an operating procedure, practice, condition, or statement that must be strictly observed to prevent equipment damage or destruction, or corruption or loss of data.



**Follow ESD
Procedures**

This icon appears at the beginning of any procedure in this manual that could cause you to touch components (such as printed circuit boards) that are susceptible to damage from electrostatic discharge (ESD). When you see this icon, you must follow standard ESD guidelines to avoid damaging the equipment you are servicing.



Note: Notes either provide extra information about a topic or contain special instructions for handling a particular condition or set of circumstances.

Before You Begin

Global Services and Support

Warranty Information

To understand the warranty for your Intermec product, visit the Intermec web site at <http://www.intermec.com> and click Service & Support. The Intermec Global Sales & Service page appears. From the Service & Support menu, move your pointer over Support, and then click Warranty.

Web Support

Visit the Intermec web site at <http://www.intermec.com> to download our current documents in PDF format. To order printed versions of the Intermec manuals, contact your local Intermec representative or distributor.

Visit the Intermec technical knowledge base (Knowledge Central) at <http://intermec.custhelp.com> to review technical information or to request technical support for your Intermec product.

Telephone Support

Contact your local Intermec representative. To search for your local representative, from the Intermec web site, click **Contact**.

Who Should Read This Document?

This Installation Instructions provides you with information about how to install the EasyCoder PC4/PC41 Mobile Battery Unit, its features and how to operate it.

Related Documents

The Intermec web site at <http://www.intermec.com> contains our current documents that you can download in PDF format. To order printed versions of the Intermec manuals, contact your local Intermec representative or distributor.



1 Installation

This chapter introduces the EasyCoder PC4/PC41 Mobile Battery Unit and explains how to install the battery unit.

Description

The EasyCoder PC4/PC41 printer can be fitted with a battery unit that makes it independent of a 115/230 VAC external power supply. The battery unit allows the printer to be operated approximately 8 hours and/or print 1200 inches of labels before the battery pack must be recharged, which takes approximately 4 hours at room temperature. Charging at lower environmental temperature could prolong the charging time.

The battery unit is either factory-fitted to the bottom of the printer and connected to its rear plate using a short cable, or added as an accessory. If your battery unit is factory-fitted, skip the section on Installing the Battery Unit.

The printer's power supply adapter (PSA) is either used to drive the battery unit or to drive the printer directly. The PSA is powered by 100 to 240 VAC, 50 to 60 Hz from a common wall socket.

The battery pack inside the battery unit will be charged when the power switch of the battery unit is on.

To print, switch on the power to the printer first, then switch on the battery unit.

With a battery unit, there are several ways to supply the printer with power:

- 1** Directly from a wall socket via the PSA.
- 2** From a wall socket via the battery unit which allows the internal battery pack to be automatically charged.
- 3** From the battery unit without any connection to a wall socket.

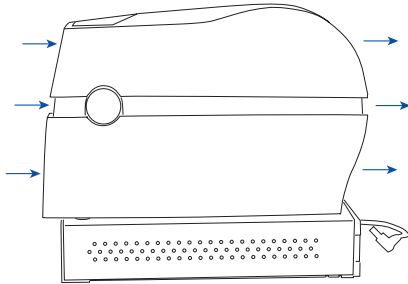
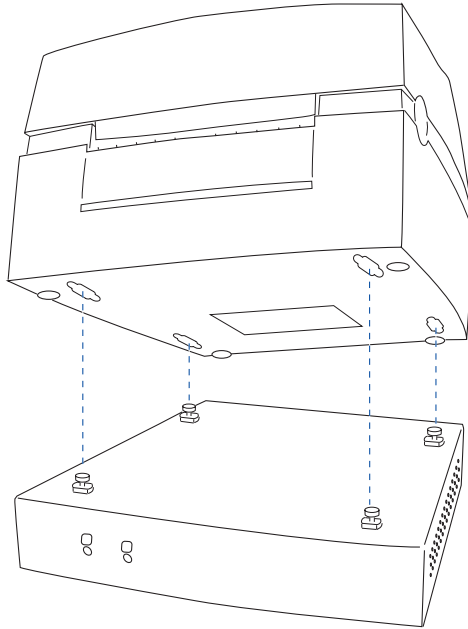
If you have a spare battery pack, you can simply pull out the empty battery pack from the battery unit and replace it with a charged battery pack. Always switch off the power to the battery unit before changing the battery pack.

Furthermore, with a charger and a spare battery pack, you can charge an empty battery pack while running the printer from the charged battery inserted in the battery unit. The charger uses the same type of PSA as the printer/battery unit.

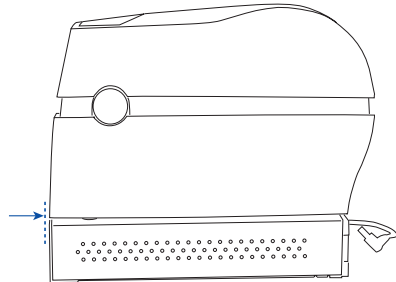
To obtain full capacity in a new battery pack, it should be charged and discharged at least three times.

Installing the Battery Unit

- 1 Lower the printer on the battery unit. Make sure the four screws on the battery unit go in to the corresponding holes in the printer.

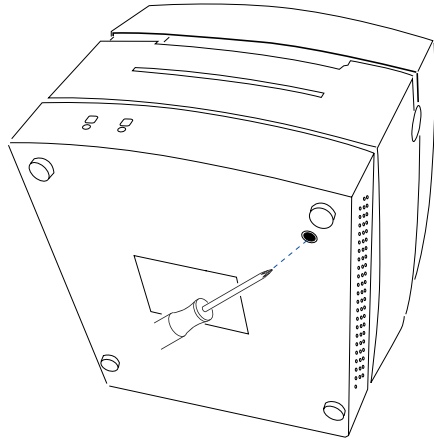


- 2 Push the printer backwards, keeping the battery unit still. Make sure the printer is aligned with the battery unit, as shown in the illustration below.

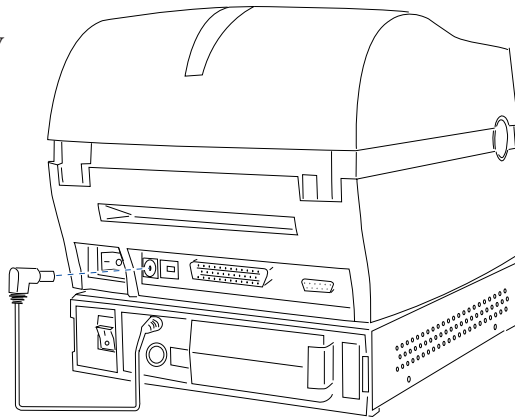


Chapter 1 — Installation

- 3 Tip the printer backwards.
Using a Philips (cross-tip) screwdriver, tighten the screw located in the opening shown to the right.



- 4 Connect the power cord from the battery unit to the printer.
Turn the printer on first, then switch the battery unit on.





2 Operation

This chapter explains how to operate the printer using the battery unit and how to replace and charge the detachable battery pack.

Operating on Battery Power

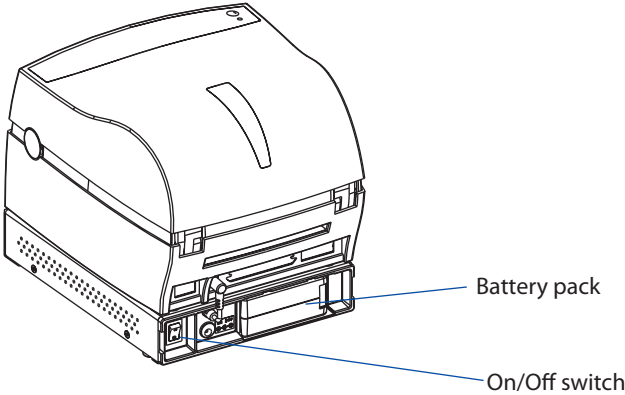
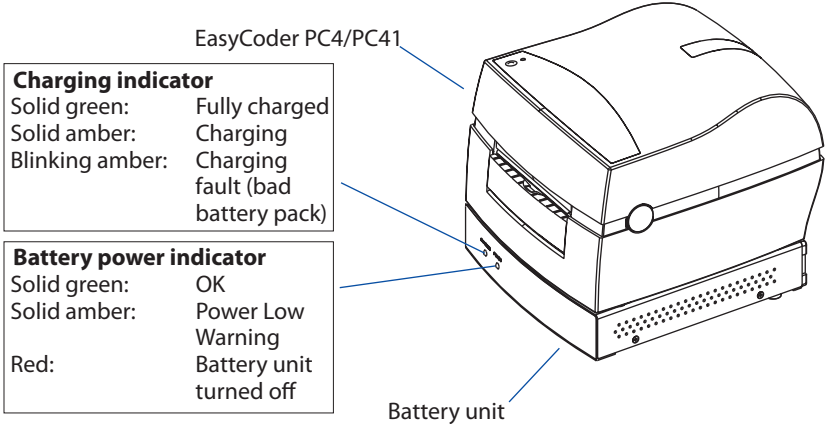
- 1 Operate the printer normally until the battery power indicator switches from green (power on) to amber (power low warning). You should be able to use the printer for an average of eight (8) hours without battery recharge.



When the battery power switches from green to amber, you will still be able to print several labels. When the indicator switches to red, the battery unit is automatically switched off to prevent battery damage. To continue printing, you must either insert a charged battery or connect the power supply adapter to the battery unit.

- 2 Switch the battery unit off, when it is not connected to the printer, or when not printing for a long time, to avoid unnecessary draining of the battery pack.
- 3 The battery pack is charged by connecting the battery unit to the printer's power supply adapter. The charging time is approximately four hours. The battery unit must be ON to charge.
- 4 The battery pack can also be charged while connected to an active printer if the battery pack is connected to the power supply adapter and the battery pack switch is ON.

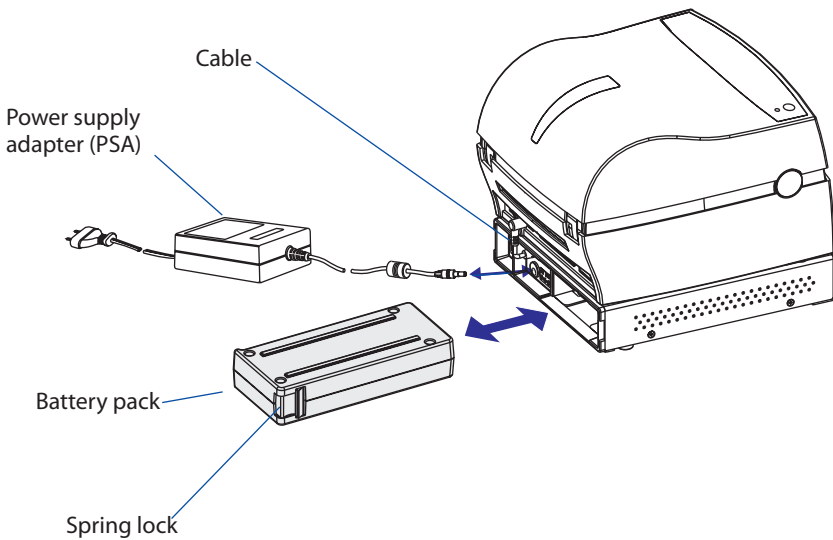
Refer to the illustrations on the next page!



Replacing the Battery Pack

To replace an empty battery pack with a charged one, proceed as follows:

- 1** Switch off the battery unit.
- 2** Turn the printer around so you can access its rear side.
- 3** Release the spring lock and pull out the battery pack.
- 4** Insert a charged battery pack in the same slot and check that it is held by the spring lock.
- 5** Switch on the battery unit.



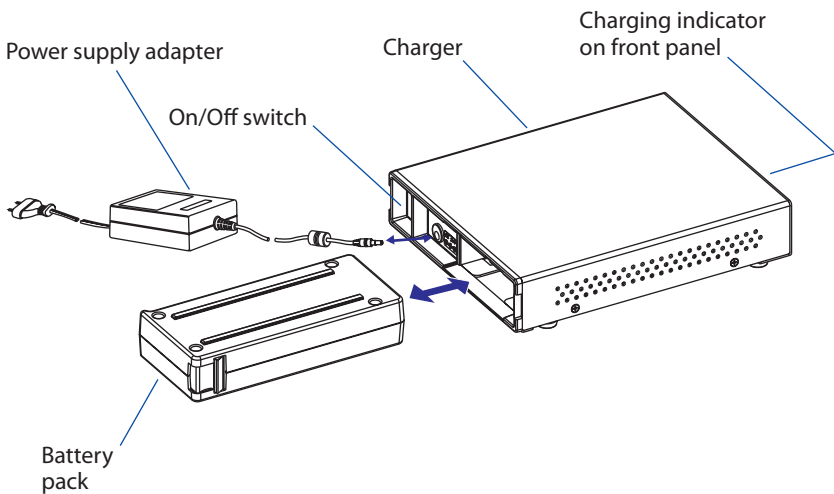
Using the Charger (accessory)

To charge an empty battery pack in the charger, proceed as follows:

- 1 Plug in the power supply adapter.
- 2 Insert the empty battery pack.
- 3 Switch on the power using the on/off switch at the rear of the charger.
- 4 During charging, the charging indicator on the charger unit is amber.
- 5 When the charging indicator turns green, the battery is fully recharged. Charging time at room temperature is approximately 2 hours.
- 6 Possible charging faults are indicated by the charging indicator switching to blinking amber.



The battery pack contains nickel/metal hydride (NiMH) cells which are potentially dangerous to the environment. Check and follow local regulations for disposal of nickel/metal hydride batteries. Do not disassemble the battery pack and only recharge it with approved equipment from Intermec.





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