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# NEC Versa TXi

## 3-Cell Primary Battery

Congratulations on purchasing a 3-cell primary battery for your NEC Versa® notebook computer! The battery allows you to run your system when the system is not plugged into a 120- or 240-volt, 50- or 60-Hz wall outlet.

Before installing the battery be sure to read the information in this document about:

- Features
- Removing the Existing Primary Battery
- Installing the 3-Cell Primary Battery
- Removing the 3-Cell Primary Battery
- Charging the Battery
- Determining Battery Status
- General Battery Precautions
- Battery Disposal
- Battery Specifications

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 **WARNING** To prevent accidental battery ignition or explosion, adhere to the following:

- Keep the battery away from extreme heat.
- Keep metal objects away from the battery connector to prevent a short circuit.
- Make sure the battery is properly installed in the battery bay.
- Do not alter or disassemble the battery.
- Read any precautions printed on the battery.

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Keep the following in mind when removing or replacing a battery.

- Use only the battery designed for your system in your NEC Versa notebook computer. Mixing other manufacturers' batteries, or using a combination of very old and new batteries can deteriorate battery and equipment performance.
- Clean the battery connector with a dry cloth when it gets dirty.
- Keep the battery out of the reach of children.

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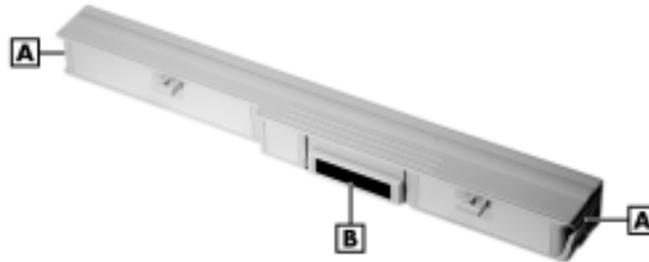
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## Features

The NEC Versa 3-cell primary battery is used as the main source of power when your system is not plugged into an AC power source. See the following figure for 3-cell battery features.

*The 3-cell primary battery*



A – Alignment Grooves

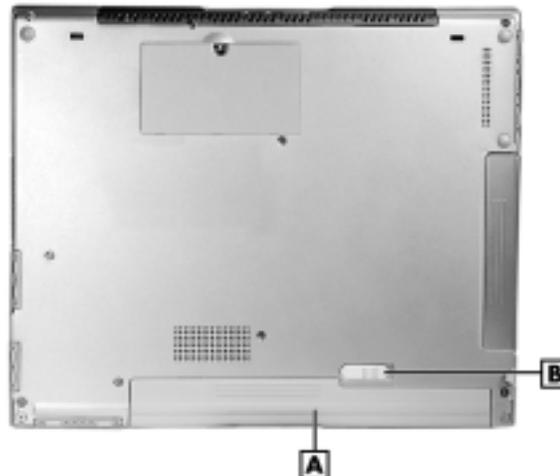
B – Connector

## Removing the Existing Primary Battery

Use the following steps to remove the existing primary battery from the system.

1. Save your files, exit the Microsoft® Windows® operating system, turn off system power, and unplug the system.
2. Close the LCD panel and turn the system over.
3. Slide the battery release latch toward the right side of the system and hold firmly.

*Locating the battery bay release latch*

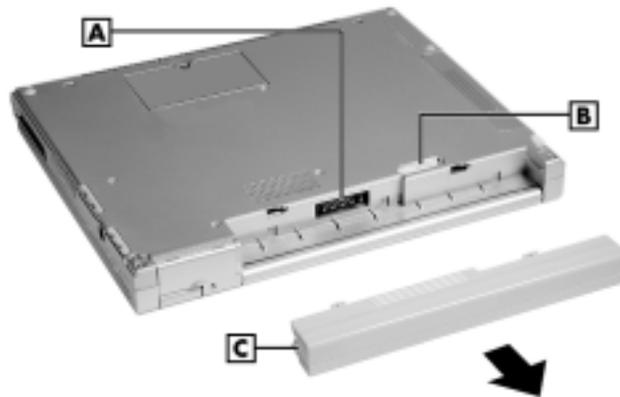


A – Existing Primary Battery

B – Battery Release Latch

4. Continue to hold the battery release latch as you slide the battery out of the system.

### *Removing the battery*



A – Connector in Battery Bay  
B – Battery Release Latch

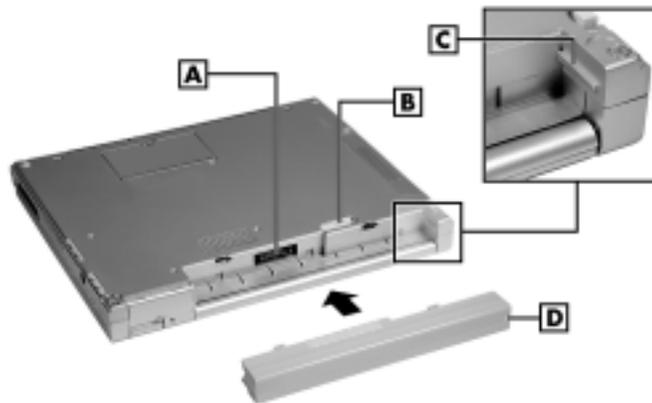
C – Existing Primary Battery

## ***Installing the 3-Cell Primary Battery***

Install your new battery as follows:

1. Locate the alignment grooves on either edge of the battery.
2. Locate the alignment grooves inside the battery bay.
3. Align the grooves on the battery with the grooves in the bay.
4. Slide the battery into the bay until securely locked into place.

### *Inserting the battery*



A – Connector in Battery Bay  
B – Battery Release Latch

C – Alignment Grooves  
D – 3-Cell Primary Battery

5. Turn the system over.

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## Removing the 3-Cell Primary Battery

Remove the 3-cell primary battery by following the instructions in the section, “Removing the Existing Primary Battery” earlier in this document.

## Charging the Battery

Charge the primary battery and secondary battery (if any) by simply connecting your NEC system to an AC power source. To monitor the charging activity, observe the battery charging LED on the front of the system. The battery charging LED lights as follows:

- Lights amber when the primary battery is charging.
- Blinks amber if the primary battery encounters an error while charging.
- Lights green when the secondary battery is charging.
- Blinks green if the secondary battery encounters an error while charging.

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 **CAUTION** During charging, keep the environmental temperature between 32°F and 104°F (0°C to 40°C).

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For directions on getting a detailed battery status, see the section, “Determining Battery Status.”

## Determining Battery Status

Your NEC Versa system provides tools to help you keep track of the primary and secondary battery power level. If your system is configured (default setting) to display the Power icon on the taskbar, an electrical plug appears when the system is connected to an AC power source or a battery icon displays when the system is not connected to an AC power source.

Use the system’s power meter to determine battery status. Access the system’s power meter in the following ways:

- Move the cursor over the Power icon on the taskbar to display the remaining battery power for the system’s primary battery.
- Right click the Power icon on the taskbar to open the power meter or to adjust power properties.
- Double click the Power icon on the taskbar to display the remaining power for both the primary and secondary battery (if any).
- Go to Start, Settings, Control Panel, and double click the Power Management icon and select the Power Meter tab.

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## General Battery Precautions

To prevent accidental battery ignition, rupture, or explosion, adhere to the following precautions.

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**⚠ WARNING** There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

To avoid personal injury and property damage, read these battery precautions on handling, charging, and disposing Li-Ion batteries.

- Keep the battery away from heat sources including direct sunlight, open fires, microwave ovens, and high-voltage containers. Temperatures over 140° F (60°C) may cause damage.
- Do not drop or impact the battery.
- Do not disassemble the battery.
- Do not solder the battery.
- Do not puncture the battery.
- Do not use a battery that appears damaged or deformed, has any rust on its casing, is discolored, overheats, or emits a foul odor.
- Keep the battery dry and away from water.
- Keep metal objects away from battery connector. Metal objects in contact with the connector can cause a short circuit and damage.

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**⚠ WARNING** If the battery leaks:

- If the battery leaks onto skin or clothing, wash the area immediately with clean water. Battery fluid can cause a skin rash and damage fabric.
- If battery fluid gets into eyes, DO NOT rub; rinse with clear water immediately and consult a doctor.
- Take extra precautions to keep a leaking battery away from fire. There is a danger of ignition or explosion.

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## Battery Disposal

The 3-cell primary battery is made of lithium ion (Li-Ion).

Do not place used batteries in your regular trash. The batteries must be collected, recycled, or disposed of in an environmentally approved manner.

Contact your local waste management officials for other information regarding the environmentally sound collection, recycling, and disposal of the batteries.

## Battery Specifications

- 3-cell lithium ion (Li-Ion) battery
- primary (main) system battery
- output voltage of 11.1V, 1900 mAh

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**NEC**

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