



# Tech Info Library

## PowerBook Duo Batteries: Compatibility and Installation (8/95)

Revised: 8/29/95  
Security: Everyone

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### TOPIC -----

Are the Type II and Type III PowerBook Duo batteries compatible with all Duo computers? Can I use the battery conditioning software on all PowerBook Duo computers?

### DISCUSSION -----

The Type II and Type III batteries can be used on all PowerBook Duo computers when the appropriate software has been installed. The Battery Reconditioning software can only be used on the PowerBook 270c, 280, and 280c.

The Type II battery is no longer available as a separate part. With a Type III Duo Battery, part number M2780LL/A, you receive:

- \* Type III battery
- \* PowerBook Duo Enabler 2.0
- \* Battery case

### Installation for Type II Batteries

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Installation of the Type II battery and software on a Duo running System 7.1 or System 7 Pro requires a fresh install of system software utilizing the diskettes that came with the Type II battery.

Below are the directions for those versions of system software.

- For System 7.1, follow the "clean install" instructions (search on "Clean Install" to find instructions). Substitute the Install Me First diskette that came with the battery for the one with System 7.1. If the diskettes are not available, as a temporary measure, follow the steps below for System 7 Pro.

- For System 7 Pro, copy the new enabler, the new control panels, (PowerBook Display, PowerBook, PowerBook Setup, and AutoRemounter) from the Install Me First diskette to your System folder. Copy the additional files from the Extras disk (Network Control Panel, A/Rose, EtherTalk Phase 2, EtherTalk Prep and New Network Resources) to your System Folder as well, and restart.
- System 7.5 has the software built in so no additional software is necessary.

#### Installation for Type III Batteries

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With the exception of System 7.5 which has the software built in, to utilize the Type III battery, you need only install the new Enabler in your system folder. After restarting the Duo, the installation process is complete.

#### Power Adapter and Recharger Information

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Type I, II, and III Duo batteries can be recharged in the recharger model M1812 (Marketing number M4178LL/B). The Type I recharger, model M7778, only supports Type I batteries. Contact Apple or an Apple authorized reseller to obtain the correct model. The model number of the recharger is printed on the bottom of it.

If a red light appears when you place a Type III battery into your recharger, the recharger is either the older model or it needs to be updated.

If you have a recharger model M1812 and you need to update it, follow these steps:

##### Step 1

Shut down the PowerBook Duo computer, make sure the Type III battery and any necessary software has been installed. If you're running System 7.5.1 the Type III Battery extension must be installed.

##### Step 2

Plug the power adapter into an AC outlet using the power cord that came with the computer.

##### Step 3

Snap the recharger onto the side of the power adapter.

##### Step 4

Plug the power adapter cable into the power adapter port on the back of the Duo computer.

##### Step 5

Turn on the PowerBook Duo to download the update to the charger.

#### Article Change History:

29 Aug 1995 - Reviewed for technical accuracy.

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13 Dec 1994 - Added info on Type III battery and software, and System 7.5.

04 Mar 1994 - Noted Battery reconditioning applies only to 270c.

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