



# Tech Info Library

## PowerBook Duo: Battery Types (9/95)

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TOPIC -----

What types of batteries are used in Powerbook Duo computers and how can I identify them?

DISCUSSION -----

PowerBook Duo computers use Nickel Metal Hydride (NiMH) batteries and come in three types: Type I, II, and III. Type I batteries came installed in Duo 210 and 230 systems, Type II batteries came installed in Duo 250, 270c, and 280 systems, and Type III batteries were installed in the Duo 280c. It is possible to use both Type II and Type III batteries in Duo 210 and 230 systems with the addition of appropriate battery management software. Type I batteries can be used in newer Duo systems, but battery life is significantly reduced.

Each succeeding battery type offers improved battery life performance over the other. The Type II battery provides as much as 50% longer life than Type I batteries. The Type III battery offers up to 15% longer life than the Type II battery. Type II and Type III batteries can be recharged in as little as three hours, depending on the charging method used.

Type II and Type III batteries have the same model number, but are marked differently. Each has either a "Type 2" or "Type 3" logo printed on it. Type I batteries do not have a logo. In addition, the battery door is different on the Type II and III batteries.

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### Article Change History:

28 Sep 1995 - Added Info Alley information; updated article.

03 Apr 1995 - Clarified battery life and differences between batteries.

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