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Powerbook 200,500,190,5300: Rechargeable Backup Battery (1/96)

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TOPIC -----

What is the full charge voltage range of PowerBook 200 (630-6546), Powerbook 500, Powerbook 5300, and PowerBook 190 series (Apple service part number 922-1418) backup batteries, that is, the battery on the logic board?

Are these batteries considered rechargeable? If so, how long might they take to charge up to a full voltage capacity? When should the battery be replaced?

DISCUSSION -----

The Macintosh PowerBook 200, 500 and 5300 series computers all use the same basic backup battery. It is a 6V lithium rechargeable battery. It takes approximately 48 hours to fully recharge this battery.

The way to tell whether the battery is good or bad is to fully charge the battery for 48 hours and then discharge at 1mA to 5 volts. If the batteries capacitance is below 15 mAh (milliamps hour) then it would be considered end of life. Theoretically you can use it down to 0 mAh.

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