

Batteries and Adapters

This chapter lists all Apple batteries and adapters.

PowerBook 100 (Lead-acid) Battery

Apple has only offered one battery for the PowerBook 100. This battery is a lead-acid cell, and should never be allowed to fully discharge.

Model introduced	Rating	Apple part #
PowerBook 100	n/a	M3053

PowerBook 140-180c (NiCad) Batteries

As Apple has introduced new PowerBooks, they have also been increasing the charge capacity of their accompanying NiCad batteries, due to the higher power requirements of the newest models. These batteries are interchangeable, but using the old 2.5Ah battery in a 165c or 180c will give you a very short battery life.

Model introduced	Rating	Apple part #
PowerBook 140, 145, 170	2.5 amp-hours	M5417
PowerBook 160, 180	2.8 amp-hours	M5653
PowerBook 165c, 180c	2.9 amp-hours	M5654

PowerBook Duo batteries

The original Duos shipped with what is now known as the Type I Duo battery. At the time they didn't know that there were going to be more, so it isn't labeled this way. The Type II and Type III batteries that followed have a label in the upper right corner identifying them, which is good, because they share the same Apple model number.

Anecdotal measurements indicate that the Type II and Type III batteries are quite close to each other in capacity - 1.35Ah and 1.45Ah, respectively.

Battery model	Apple part #
Duo Type I	M7782
Duo Type II	M1499 (Type II and III share same model)
Duo Type III	M1499

PowerBook 500 batteries

The PowerBook 500's shipped with a special, "Intelligent" battery. Unfortunately, this battery can get easily confused, and requires special utilities from Apple or other companies to straighten

it out.

Battery model	Apple part #
PowerBook Intelligent Battery	M1906

PowerBook 100-180c AC adapters

Apple has also been busy upgrading the battery chargers. Note that while all chargers work with all PowerBooks, charging a newer PowerBook on an older charger may take longer. Note that the M5140 model has a design flaw - a plastic ring around the tip of the plug inserted into the PowerBook can crack, and will blow the PowerBook's fuse if it shorts out. Note that Apple warns against using adapters that produce more than 19 watts with the PowerBook 100 and PowerBook 150.

Model	Rating	Apple part #
PowerBook 100-170 M5140	15 watts output	
PowerBook 160, 180 M5651	17 watts output	
PowerBook 165c, 180c 24 watts output M5652		
PowerBook 150	17 watts output	APS-17adp

PowerBook Duo AC adapters

Apple updated the original Duo adapter to a more powerful one with the release of the Duo 270c.

Model	Rating	Apple part #
Duo 210, 230, 250 M7783	1.0 amps output	
Duo 270c, 280, 280c M2693	1.5 amps output	

PowerBook 500 AC adapters

The adapter for the PowerBook 500's is unique, due to the PowerBook 500's ability to hold two batteries. The adapter actually contains two separate power supplies. If the PowerBook is running, one power supply runs the PowerBook, while the other supply recharges the batteries in sequence. If the PowerBook is asleep or shut down, both batteries are recharged simultaneously.

Model	Rating	Apple part #
PowerBook 500's	1.0 & 1.5 amps output	M1893

PowerBook 100 Battery Charger

Apple has only offered one battery charger for the PowerBook 100.

Model	Apple part #
PowerBook 100 battery charger	M5130LL/A

PowerBook 140-180c Battery Charger

This battery charger uses the PowerBook AC adapter to provide power.

Model	Apple part #
PowerBook 140-180c battery charger	M1027LL/A

PowerBook Duo Battery Chargers

The first Duo charger can only handle Type I batteries, but the new adapter handles all three types of Duo batteries.

Model	Apple part #
Duo Type I battery charger	M7778
Duo Type I, II, III battery charger	M1812