



Tech Info Library

PowerBook Family: Battery Information Table (4/96)

Revised: 4/18/96
Security: Everyone

PowerBook Family: Battery Information Table (4/96)

=====

Article Created: 6 May 1994
Article Reviewed/Updated: 18 April 1996

TOPIC -----

This article provides specifications and part number information for batteries used in Macintosh Portable and PowerBook computers.

DISCUSSION -----

The PowerBook models use these battery types:

Begin_Table

- Sealed lead acid (SLA)
- Nickel cadmium (NiCad)
- Nickel metal hydride (NiMH)

System	Battery Type	Ampere Hours	Fully Charged Voltage	Service P/N	Model No.
Macintosh Portable	SLA	5.4	6.5 V	076-0376	M5137
PowerBook 100	SLA	2.3	6.0 V	661-0782	M3053
PowerBook 140/145/170	NiCad	2.5†	6.75 V	661-0013	M5417
PowerBook 145B	NiCad	2.8†	6.75 V	661-0013	M5653
PowerBook 150	NiCad	2.8†	6.75 V	661-0013	M5653

PowerBook 160/165/180	NiCad	2.8†	6.75 V	661-0013	M5654
PowerBook 165c/180c	NiCad	2.9	6.75 V	661-0013	M5654
PowerBook 190	NiMH	1.9	16.1 V	661-1028	M3254
PowerBook 210,230	NiMH Type I	.95	13.5 V	661-1656	M7782
PowerBook 250/270c	NiMH Type II	1.4	13.5 V	661-1735	M1499**
PowerBook 280	NiMH Type II	1.4	13.5 V	661-1735	M1499**
PowerBook 280c	NiMH Type III	1.6	13.5 V	661-0053	M1499**
PowerBook 520,520c	NiMH*	1.8	10.8 V	661-0055	M1906
PowerBook 540/540c	NiMH*	1.8	10.8 V	661-0055	M1906
PowerBook 2300c	NiMH Type III	1.6	13.5 V	661-0053	M1499**
PowerBook 5300	NiMH	1.9	16.1 V	661-1028	M3254

† These computers are also compatible with Model No. M5654 2.9 Ah battery

* Uses PowerBook Intelligent Battery

** Type II and Type III batteries used in the 200 and 2300 series (Duo) have the same model # M1499, but have "Type 2" or "Type 3" printed on them

End_Table

Improving Battery Performance

=====

When you replace used batteries, replace all the old ones with new ones. Mixing new and used batteries weakens the performance of the new ones. (If you are using rechargeable batteries, replace batteries that are running low with a complete set of fully charged batteries.)

Batteries work best when positive and negative contact surfaces are clean. If necessary, clean these surfaces by gently rubbing with a clean pencil eraser or cloth.

Article Change History:

- 18 Apr 1996 - Added PowerBook 150 to table, corrected 145b part number.
- 13 Dec 1995 - Corrected service part number for 190 & 5300 battery.
- 02 Nov 1995 - Added PowerBook 190, 2300, and 5300 series.

Copyright 1994-95, Apple Computer, Inc

Tech Info Library Article Number:15303