



# Tech Info Library

## Newton MessagePad Power Accessories: Description (7/93)

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TOPIC -----

This article describes the Newton MessagePad power accessories.

DISCUSSION -----

### Newton Power Adapter

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The Newton Power Adapter is 3.5 watt, wall-mounted AC to DC power supply. It can be used to power a Newton MessagePad or the optional Newton Fax Modem.

The cable is 2 meters long and the plug blades are available to conform to the outlet demands of the country to which it is shipped. The U.S./Canada/Japan version has prongs projecting from the end, while the European version has prongs projecting from the back.

### Newton Rechargeable Battery Pack

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The Newton Rechargeable Battery Pack consists of four AAA Ni-Cd (Nickel-Cadmium) batteries connected in series, all enclosed in a plastic case. The terminal voltage will be 4.8 volts nominal and the cells should have a minimum capacity of 220 mA.H.

The case will be keyed so the Newton Messagepad knows that it is a Ni-Cd pack and so discharge appropriately.

A plastic cover is included with the Rechargeable Battery Pack to cover the contacts and protect the terminals from shorting out when the pack is outside the Newton.

### Newton Recharger

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The Newton Recharger is an external, outlet-mounted, Ni-Cd battery recharger. The recharging time is at a "quick charge" rate as defined By the battery manufacturer's specification.

The input power is universal 85-264V AC, 47-66 Hz for all versions. The wall plug (AC blade) is mounted for all versions:

- U.S./Japan/Canada

- European
- United Kingdom
- Australian

The recharger can quick-change four AAA Ni-Cd batteries which have a nominal capacity of 220 mA·H. Quick charge rate is 66mA for these cells. Charge time should be approximately 5 hours.

A rechargeable battery pack and safety cover are included with the charger.

#### Newton Battery Booster Pack

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The Newton Battery Booster Pack is an external case which holds eight size-AA alkaline batteries. The pack provides more than twice the battery capacity of the internal batteries. It has a flexible cord which connects the Booster Pack to Newton MessagePad's power port. A clip on the back allows for easy portability.

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