

HP 82120A

Charge this pack before installing it in your calculator. (Refer to the instructions inside.)

Laden Sie diesen Batteriesatz auf, bevor Sie ihn in den Rechner einbauen (siehe weitere Bedienungsanleitungen).

Ricaricate questo pacco di batterie prima d'installarlo nel calcolatore (vedere le istruzioni all'interno).

Batterijen vóór plaatsing in de calculator opladen. (Zie bijgaande gebruiksaanwijzing).

HP 82120A

Cargue este paquete de baterías antes de colocarlo en la calculadora (vea las instrucciones mas adelante)

Chargez cette batterie avant de la placer dans le calculateur (voir instructions à l'intérieur).

Ladda upp denna batterisats innan den införes i kalkylatorn (se instruktionerna)

HP 82120A Rechargeable Battery Pack

Instruction Card

The HP 82120A Rechargeable Battery Pack may be used in the HP-41C in place of the standard battery case and disposable batteries. Because the recharger connects directly to the battery pack, the pack may be recharged while it is installed in or removed from the calculator. A fully-recharged pack typically provides 6 to 12 hours of continuous program-running time for the HP-41C with no plug-in peripherals or accessories.

Note: The nickel-cadmium cells inside the battery pack may be discharged when you receive it. Connect it to the recharger for at least a few minutes *before* installing it in the calculator. Then operate the calculator with the recharger connected, as described below.

Installing the Battery Pack

To install the pack in the calculator, first *turn off* the calculator. Then remove the battery case and replace it with the rechargeable pack. It fits just like the standard case.

Recharging the Battery Pack

CAUTION

When the pack is in the calculator, be sure to turn off the calculator and any connected peripherals before connecting or removing the recharger. Be sure the recharger plug is fully inserted into the pack's receptacle. If these instructions are not followed, the calculator or battery pack may be damaged.

To recharge the battery pack while it is in the calculator, first *turn off* the calculator. Then remove the cover from the access hole in the side of the calculator and plug the recharger into the battery pack receptacle, which shows through the access hole.

Note: You can use the calculator while the battery pack is installed and recharging.

To recharge the battery pack while it is removed from the calculator, plug the recharger directly into the pack's receptacle. After 12 to 16 hours the pack will be fully charged.

Using the Battery Pack

The nickel-cadmium cells in the rechargeable pack operate much differently from replaceable alkaline batteries. After the low battery indicator turns on, the rechargeable pack provides a reserve operating time of about a minute or more—much less than with alkaline batteries. If you want to run a long, unattended program without using the recharger, you may want to include program lines that check flag 49 (Low Battery) and execute OFF if the flag is set. To preserve maximum capacity of your battery pack, charge it fully, then operate your calculator with the recharger disconnected. When the low battery indicator turns on, connect the recharger again until the pack is fully charged. Leaving the recharger connected at all times will not damage the pack, but will greatly limit its capacity.

When not being used, the cells in the rechargeable pack discharge at a rate of about one percent of available charge per day. If it is not recharged, after 30 days the pack could have only 50 to 75 percent of its charge remaining.

Do not install and recharge a fully discharged pack in your calculator. Although no damage will result, this action may disrupt the operation of the calculator's circuits. The most common symptom is a loss of keyboard control of the calculator. To recover from such a condition, simply remove the battery pack and install it (or another pack) immediately.

WARNING

Do not incinerate or disassemble the battery pack or short-circuit its terminals. If you do, the pack may burst, release toxic materials, or cause serious burns.

Observe the allowable temperature ranges listed below. The temperatures for the pack differ from those of the HP-41C calculator.

| | |
|-------------|------------------------------|
| Recharging: | 5° to 45°C (41° to 113°F) |
| Operating: | 0° to 45°C (32° to 113°F) |
| Storage: | -40° to 50°C (-40° to 122°F) |

Rechargers

Only the rechargers listed below should be used with the HP 82120A Rechargeable Battery Pack:

| MODEL | AC VOLTAGE | IDENTIFICATION |
|-------------------|------------|--------------------------|
| HP 82059B | 90 to 120 | United States |
| HP 82066B | 210 to 250 | Europe |
| HP 82067B | 210 to 250 | United Kingdom |
| HP 82067B Opt 001 | 210 to 250 | Republic of South Africa |
| HP 82068B | 210 to 250 | Australia |
| HP 82069B | 90 to 120 | Europe |

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