

- APX 142 Rapid Charger uses Adapter APX 141PS
- APX 143 Standard Charger uses Adapter APX 140PS

Check to verify that the AC Adapter matches your Transceiver Battery Pack

## AC Adapters

These efficient chargers feature the latest technology. The Model APX 142 Rapid Charger quickly charges a battery pack. Both chargers feature a short circuit protector that assures safety and permits you to leave the battery or transceiver with battery in the charger for long periods.

The APX 142 Rapid Charger and the APX 143 Standard Charger are used to charge APX1120 Battery Packs for Uniden transceivers. Both chargers are for desktop use. You can charge the battery pack while it is in the transceiver or insert the battery pack and battery cover in the charger.

## Introduction

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**Model APX 142  
Desktop Rapid Charger**

**Model APX 143  
Desktop Standard Charger**

## OPERATING GUIDE

- Do not operate the transceiver while it is charging; this might cause a malfunction.
- Remove the battery pack from the transceiver when it is not used for a long period.
- Do not let the battery pack discharge completely - this shortens the battery pack life considerably.

## Battery Charging Information

*Custom pocket design* - the charging pocket is shaped to snugly hold the transceiver, assuring that the battery makes good contact with the charging contacts.

*LED indicator* - red light indicates charging; green light indicates battery is fully charged.

*Overcharge protection* - prevents accidental overcharging of the battery pack.

*Auto charging* - simply place the transceiver or battery pack/battery cover assembly in the charger pocket.

## Features

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- Batteries become completely discharged if the equipment is left operating but unattended for a long time. Storing the equipment with the battery pack attached for a long time also completely discharges the battery.
- To recharge a completely discharged battery pack, you might have to charge it more than once. If the battery pack will not charge after several attempts, it is probably damaged.

## How to Use the Charger

### To charge the battery pack:

1. Before plugging in the AC adapter, assure that the voltage is set to your AC line voltage: 120 volts or 220 volts. (Normal U.S. voltage is 120 volts.) A switch on the label side of the adapter slides left or right. The voltage is indicated next to the switch.
2. Verify that your charger and AC adapter match model numbers.
  - The APX 140PS Adapter for the APX 143 Standard Charger is a small AC adapter that plugs directly into a wall outlet.

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lights green. The charging current is reduced so you may leave the battery pack in the charger without damage.

Charging time for the APX 142 Rapid Charger will vary from 60- to 75 minutes depending on the state of the battery. A back-up timer will switch the unit to trickle after 90 minutes if for any reason the full-charge point is not detected.

The APX 143 Standard Charger is timer controlled and will charge for 10 hours before switching to a trickle mode, regardless of battery condition.

**Important:** *If the CHARGE LED of the APX 142 Rapid Charger alternates between red and green during the charging cycle (typically after 20 minutes), the battery pack may be shorted or damaged. Remove it from the pocket, and do not attempt to charge it again.*

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- The APX 142 Rapid Charger requires a larger APX 141PS Adapter that has a line cord that plugs into the wall outlet.

3. Plug the small end of the line cord from the adapter into the back of the charger. Plug the other end of the adapter into the wall outlet.
4. **Make sure the transceiver is turned off**, then place it in the charger pocket. The battery pack may also be charged separately by removing it from the radio, inserting the battery cover in the charger and then inserting the battery pack into the cover. Make sure the battery pack is inserted with the label facing the front of the charger.

**Important:** *Be sure the red LED turns on when placing the transceiver or battery pack in the pocket.*

The APX 142 Rapid Charger and APX 143 Standard Charger will start charging automatically when the battery is placed in the charger. The charge LED lights red and remains red while charging. When the charging cycle is complete, the LED

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**Note:** *If the charger will not be used for a week or longer, remove the battery pack from the charger and unplug the AC adapter from the wall outlet.*

## Cleaning the Contacts

Clean contacts on the battery pack and the charger are essential to proper performance. Before cleaning the charger, remove AC adapter from wall outlet. Clean dirty or corroded contacts with a wire brush before using the charger. Be sure to remove bits of dirt or metal from the charger cup before using. Do not use any liquids or solvents to clean contacts.

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