

Service Bulletin

Setting Up the UPS

Charging the Battery

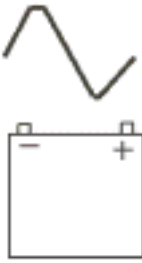
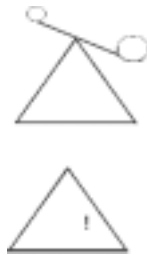
Plug the UPS into a wall outlet. Let the unit charge the battery for at least three hours. You can use the unit while the battery charges, but the battery backup runtime is reduced until the battery is fully charged. The Patriot is fully loaded after eight hours.

Starting the Unit

Press the ON/Standby rocker switch, which is located left of the center on the back panel to start the unit. When the unit starts, it beeps and lights both the front panel LEDs several times. Normal operation is indicated when the green light remain in the on position. For more information, see “Symbol LEDs and Audio Beeps” on page 1.

Symbol LEDs and Audio Beeps

Table 1: Symbols and LEDs

Symbols and LEDs	What it Means
 Operating (Green)	Steady: Acceptable input power is present; the unit is running on line power Blinking: Input power is not acceptable; the unit is running on battery power Off: No input power is present and the battery is exhausted, or the unit is switched off.
 Fault (Red)	Blinking: The unit is overloaded or has failed the battery test. Steady: UPS Fault

Product:

Portrait Studio and
Sketch Express

Operating System:

Linux

P/N:

48.000763

Date:

November 8, 2001

Table 2: Audio Beeps

Number of Beeps	What it Means
1 beep every 5 seconds	Line Loss: The unit is on battery power
2 beep every 5 seconds	Low Battery Alarm: The unit was running on battery power and shut down due to very low battery voltage. The unit will restart automatically when acceptable power returns.
3 beeps every 5 seconds	Replace the Battery: The battery needs replacement.
3 beeps every 5 minutes	Battery Undercharged: While on line operation, low battery voltage indicates that the battery will provide minimal backup time.
1 beep every half-second	Output Overload: The unit is overloaded.
Continuous beeping	UPS fault: Phone Best Pover's Worldwide Service.

Troubleshooting the Patriot 425 UPS

Table 3: Troubleshooting

Problem	Possible Reasons	What To Do
Green OPERATING LED blinks, Red FAULT LED off, One beep every five seconds.	•Utility power outage •Loose Plug •Tripped circuit breaker •Power cord failure.	•Wait for power to return. •Make sure the power cord is connected. •Reset the circuit breaker.
Green OPERATING LED blinks, Red FAULT LED off, Two beeps every five seconds.	Very Low Battery Voltage	•Plug the unit into a working wall outlet for at least 8 hours to allow the batteries to charge. •If the batteries do not recharge, the Patriot will not operate on battery power, or it will beep twice every five seconds immediately.

Table 3: Troubleshooting

Problem	Possible Reasons	What To Do
Green OPERATING LED blinks, Red FAULT LED off, Three beeps every five seconds	•Battery not charged follow extended storage •Unit has failed the battery test.	•Turn the unit off but keep it plugged into a working wall outlet for at least 3 hours. Then turn it on to run the battery test again. •If the alarm still sounds after the unit has been charged as described above, replace the battery.
Green OPERATING LED blinks, Red FAULT LED off, Three beeps every five minutes.	Battery not charged following a power outage. ^a	Use the unit on utility power, wait for full recharge. The beeps stop automatically when the battery is charged.
Green OPERATING LED on, Red FAULT LED blinks, One Beep every half-second.	The power required by the equipment is too high	•Remove the load Equipment •Reduce load level until the beeping stops
Green OPERATING LED off, Red FAULT LED on, Continuous beep.	•Output short circuit. •Input voltage is out of range when unit is turned on. •UPS Fault.	•Turn off or unplug load equipment. •Turn unit off until acceptable input voltage is restored.

a. If the Patriot is unable to charge the battery after 24 hours in the 3 beeps / 5 minutes alarm state, the alarm changes to 3 beeps / 5 seconds, indicating the battery must be replaced.