Set Up Your Battery Backup

A simple guide
How to set up PSI Rechargeable Battery Units for your Gateway

What you need

- 2 PSI Li-75 Power Supplies
- 6 PSI PS36L-EX Batteries
- PSI-BGW320 Adapter Cable

Before you begin

Each battery stack will provide up to 16 hours of backup power. One battery stack will be connected to the gateway to provide automatic backup. It will need to be replaced with the other standby battery stack as needed during an outage.

Keep standby rechargeable battery stack connected to power source to maintain charge.

Prepare standby backup rechargeable batteries

Connect the other three rechargeable batteries and the power supply to the other backplane and plug into an electrical outlet (not controlled by a wall switch). Note: To get the best power available, you should plug your battery stack directly into a wall receptacle.

Connect first backup battery

1. Disconnect the existing black power supply from the gateway and wall outlet.

2. Stack the three battery units and the power supply on the backplane.

3. Connect the rechargeable battery stack to the gateway using supplied power cord.

4. Make sure the battery is on and the gateway is working.

Completed Setup (items not to scale)
Important info

- Each battery stack will provide up to 16 hours of backup power. One stack will be connected to the gateway to provide automatic backup. It should be replaced as needed. The other will be a standby battery stack to use during a power outage.
- Keep all rechargeable batteries connected to a power source to maintain charge.

Note: Battery backup unit won’t power a cordless phone. It will only power a corded phone.

Replace your batteries

1. Unplug the entire battery stack from the gateway and wall outlet.
2. Connect the fully charged standby battery stack into the gateway.
4. Press the Power button on the gateway.

Check your batteries

It’s important to check your batteries periodically to ensure full charge in case of a power outage. Your batteries will automatically display the charge level when turned on. If the battery is exhausted, replace it with one of the standby units.

Recharge your batteries

Make sure the old battery is connected to the power outlet so it will recharge when the power comes back on.
What you need:
- APC SMX750 Smart-UPS
- APC SNX48RMBP2U External Battery Pack

Before you begin:

APC SMX750 Smart-UPS with APC SNX48RMBP2U External Battery Pack together will provide up to 24 hours of battery backup.

Both APC SMX750 Smart-UPS and APC SNX48RMBP2U External Battery Pack comes with a separate installation and operational manual. Please follow the instructions provided in the manual.

The Smart-UPS back panel provides multiple power outlets. Only connect the Nokia NTE to these outlets. UPS should not be used to power any other device and can be recharged using any household A/C power outlet.

Important info:

This battery backup solution (APC SMX750 Smart-UPS with APC SNX48RMBP2U External Battery Pack) provides 24 hours backup power for G.fast F-010G-F NTE and G.Fast DPU using reverse power feed (RPF).

Current status of the Smart UPS is displayed on the screen in the front panel. It also displays percentage of backup power available for use. While in use, if the battery percentage falls below 5%, disconnect the NTE from the Smart-UPS and connect Smart-UPS to a power source to recharge it to 100%.

It’s important to check that the smart-UPS battery percentage is at 100%. Fully charged (100%) battery backup is required to provide 24 hours of backup power.

Follow these simple steps:

1. Unpack units and install the batteries. Refer to the included instruction manual to attach to the external battery pack. You can ignore the PowerChute Smart UPS Monitoring software. It is not applicable for this usage.

2. Connect the Nokia G.Fast F-010G-F NTE to the APC UPS. Do not plug any other equipment into the APC UPS unit. Doing so will dramatically reduce the run time on the battery.

3. Press the Power button to power up the UPS.

4. Make sure that the F-010G-F NTE is powered up and working.
Complete Solution PSI LI-75 Kit and APC SMX750 Rechargeable Battery Units

**Complete Solution for Gateway**
- 3 APC CP12142LI rechargeable batteries
- APC SMX750 Smart-UPS
- 2 power supplies, including plug adapters (may not be required for all gateways)

**Complete Solution for NTE**
- PSI-BGW320 Adapter Cable
- APC SMX750 Smart-UPS
- APC SNX48RMBP2U External Battery Pack

Completed Setup (items not to scale)
Troubleshooting for PSI Rechargeable Battery Units and APC SMX750 Rechargeable Battery Units

If your phone does not have a dial tone during a power outage

Check your gateway and rechargeable batteries

1. Make sure a corded phone is plugged into the gateway.
2. If the gateway doesn’t have power, make sure:
   - The gateway is plugged into the rechargeable battery.
   - The rechargeable battery is turned on.
   - The rechargeable battery still has a charge. If not, replace it with one of the standby rechargeable batteries.
3. Make sure the gateway is connected to Nokia G.Fast F-010G-F NTE.

Check your Nokia G.Fast F-010G-F NTE and APC SMX750 Rechargeable Battery Units

1. Make sure the Nokia G.Fast F-010G-F NTE has power and is turned on.
2. If the Nokia G.Fast F-010G-F NTE does not have power:
   - Make sure the batteries are installed properly.
   - Check to make sure the LCD display is lit.
   - Press the power button once to turn on the UPS.
   - Note that the LCD screen may be live even though the UPS is off.
   - For additional troubleshooting steps, refer to the APC website troubleshooting steps at: apc.com/aw/en/faqs/FA279108/

NEED MORE HELP TROUBLESHOOTING?

PSI Rechargeable Battery Units: go to powertecsoluations.net/solutions/att-solutions/

APC SMX750 Rechargeable Battery Units: go to apc.com/shop/us/en/products/APC-Smart-UPS-X-750VA-Rack-Tower-LCD-120V-with-SmartConnect-Port/P-SMX750C or call 800.300.7141