

# Install PSI rechargeable battery units (BGW320)

## What you need

### BGW320

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

### BGW620

- 3 PSI Li-75 Power Supplies
- 9 PSI PS36L-EX Batteries
- PSI Adapter Cable

## Before you begin

Each battery stack will provide up to 9 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.

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.

## Check and replace PSI rechargeable battery units

## Important info

- Each battery stack will provide up to 9 hours of backup power. One stack will be connected to the gateway to provide automatic backup. It should be replaced as needed. The second or third stacks will be standby battery stacks 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.

## 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.

## 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.
3. Press the Cold Start Button on the Power Supply.
4. Press the Power button on the gateway.

## Recharge your batteries

Make sure the old battery is connected to the power outlet so it will recharge when the power comes back on.

## Troubleshoot PSI rechargeable battery units

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

- Check your gateway and rechargeable batteries
- Make sure a corded phone is plugged into the gateway

If your Wi-Fi 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