



# Touchstone XBB1-A Battery Backup Device

## Reference Guide

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## Patent Notice

Protected under one or more of the following U.S. patents: <http://www.arris.com/legal>  
Other patents pending.

# Table of Contents

<b>1. Safety Requirements</b> .....	<b>4</b>
<b>2. Battery Disposal Guidelines</b> .....	<b>5</b>
<b>3. Product Overview</b> .....	<b>6</b>
<b>4. Installing the XBB1-A Battery Backup Device</b> .....	<b>7</b>
If Your TG3482 Was Shipped With a Standard Power Cable.....	7
If Your TG3482 Was Shipped With a XBB1-A Battery Backup Device.....	8
<b>5. Index</b> .....	<b>11</b>

# Safety Requirements

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The ARRIS Battery Backup Device complies with the applicable requirements for performance, construction, labeling, and information when used as outlined below:

**CAUTION****Risk of shock**

Mains voltages inside this unit. No user serviceable parts inside. Refer service to qualified personnel only!

**CAUTION****Risk of explosion**

Replacing the battery with an incorrect type, heating a battery above 75°C, or incinerating a battery, can cause product failure and a risk of fire or battery explosion. Do not dispose of in fire. Recycle or dispose of used batteries responsibly and in accordance with local ordinances.

- Do not use product near water (i.e. wet basement, bathtub, sink or near a swimming pool, etc.), to avoid risk of electrocution.
- The product shall be cleaned using only a damp, lint-free, cloth. No solvents or cleaning agents shall be used.
- Do not use spray cleaners or aerosols on the device.
- Do not locate the equipment within 6 feet (1.9 m) of a flame or ignition source (i.e. heat registers, space heaters, fireplaces, etc.).
- Equipment should be installed near the power outlet and should be easily accessible.
- In areas of high surge events or poor grounding situations and areas prone to lightning strikes, additional surge protection may be required (i.e. PF11VNT3 from American Power Conversion).
- Ensure proper ventilation. Position the Battery Backup Device so that air flows freely around it.
- Do not mount the Battery Backup Device on surfaces that are sensitive to heat and/or which may be damaged by the heat generated by the device or other accessories.



**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

# Battery Disposal Guidelines

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To ensure compliance with current and future rechargeable battery take-back laws, ARRIS has joined Call2Recycle, a collection program for rechargeable batteries throughout North America. US and Canadian customers should visit <http://www.call2recycle.org> to properly recycle your lithium-ion battery backup units (BBUs).

## Product Overview

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The XBB1-A Battery Backup Device is a backup battery unit that is capable of providing secondary DC voltage to a TG3482 Telephony Gateway through the use of an internal rechargeable lithium-ion battery. The battery can provide at least eight hours of on-hook backup time to the TG3482.

The XBB1-A charges its internal battery by using DC power from the connected TG3482. In addition, the XBB1-A will notify you if any significant events occur (for example, if the battery is removed or is no longer operational).

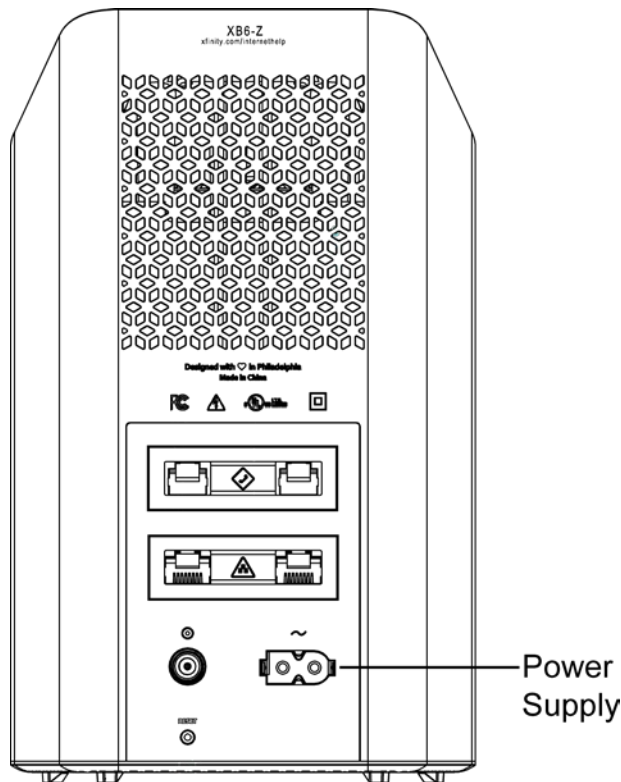
# Installing the XBB1-A Battery Backup Device

Your TG3482 Telephony Gateway may be shipped with a standard power cable, or it may be shipped with a XBB1-A Battery Backup Device.

## If Your TG3482 Was Shipped With a Standard Power Cable

If your TG3482 Telephony Gateway was shipped with a standard power cable, follow these steps to install the XBB1-A Battery Backup Device:

1. Disconnect the standard power cable from the power cord connector on the back of the TG3482.



2. Insert the custom end of the **standard power cable** into the appropriate connector on the XBB1-A's internal battery. The custom end of the cable looks like the following photo and is designed to fit either into either the power cord connector on the back of the TG3482 or into the XBB1-A's internal battery.



3. Insert the custom end of the **XBB1-A** into the power cord connector on the back of the TG3482.
4. Insert the polarized AC plug into a standard power outlet.
5. Double-check that the AC power cord is securely connected to the body of the battery unit.

As long as all of the connections for the XBB1-A are securely made, the XBB1-A will provide power to your TG3482, and the battery unit will charge.

If the power supply is interrupted after the battery is fully charged, then the battery will provide DC power to the TG3482. Once AC power is restored, the battery unit will begin to charge again.

## If Your TG3482 Was Shipped With a XBB1-A Battery Backup Device

If your TG3482 Telephony Gateway was shipped with a XBB1-A Battery Backup Device, follow these steps to install the XBB1-A Battery Backup Device:



1. Insert the custom end of the XBB1-A into the power cord connector on the back of the TG3482. The custom end of the XBB1-A Battery Backup Device looks like the following photo and is designed to fit into the power cord connector on the back of the TG3482.



2. Insert the polarized AC plug into a standard power outlet.
3. Double-check that the AC power cord is securely connected to the body of the battery unit.

As long as all of the connections for the XBB1-A are securely made, the XBB1-A will provide power to your TG3482, and the battery unit will charge.

If the power supply is interrupted after the battery is fully charged, then the battery will provide DC power to the TG3482. Once AC power is restored, the battery unit will begin to charge again.



# Index

---

## **B**

Battery Disposal Guidelines • 5

## **I**

Installing the XBB1-A Battery Backup Device • 7

## **P**

Product Overview • 6

## **S**

Safety Requirements • 4

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