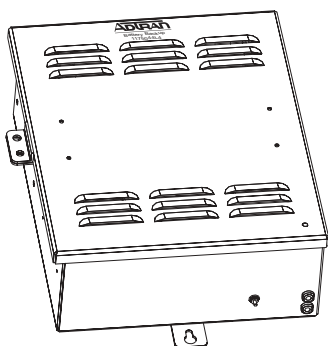


BATTERY BACKUP UNIT



CAUTION

This equipment **MUST** only be installed in a DC-C bonding and grounding environment per Telcordia GR-1089-CORE, Issue 3. It may not be utilized in a DC-I (isolated) bonding and grounding environment.

SAFETY INFORMATION

When using your telephone equipment, please follow these basic safety precautions to reduce the risk of fire, electrical shock, or personal injury:

1. Do not use this product near water, such as a bathtub, wash bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
2. Avoid using a telephone (other than a cordless-type) during an electrical storm. There is a remote risk of shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord, power supply, and/or batteries indicated in the manual. Do not dispose of batteries in a fire; they may explode. Check with local codes for special disposal instructions.

MOUNTING INSTRUCTIONS

CAUTION

Electronic equipment can be damaged by static electrical discharge. Before handling equipment, wear an antistatic discharge wrist strap to prevent damage to electronic components. Place equipment in antistatic packing material when transporting or storing. When working on equipment, always place them on an approved antistatic mat that is electronically grounded.

1. Unpack the Backup system and inspect for damage. If damage is apparent, refer to your carrier or supplier for remedy. It is not necessary to remove the batteries during installation.

CAUTION

Fully loaded Battery Box weighs 30 lbs.

2. Wall mount the battery box with the following minimum clearances:

Top - 9"
 Left Side - 1"
 Right Side - 5"
 Bottom - 3"

1. Using the template provided (61175044L4-19), mark and drill three pilot holes using a size I (0.228" diameter) drill bit.
2. Insert 1/4" x 3/4" flat-head wood screws (supplied) into the three pilot holes, leaving 1/8" to 3/16" space between the screw head and the backboard.
3. With an assistant, mount the battery box on the three support screws on the backboard.

Wallmount instructions (cont'd)

4. Remove the two closure screws on the battery box and open the cover.
5. Use a long shaft screwdriver to tighten the three support screws.
6. Make the connections to your ADTRAN product. (Refer to the documentation provided with your ADTRAN system for detailed instructions on making the connections.)

GROUNDING

18 AWG or larger ground wire is recommended to connect an additional ground conductor to "ground bus" in the customer equipment room.

WARRANTY

Warranty for Carrier Network products manufactured by ADTRAN and supplied under Buyer's order for use in the U.S. is ten (10) years except batteries which carry a manufacturer's warranty of one year. For a complete copy of ADTRAN's U.S. Carrier Networks Equipment Warranty, dial (877) 457-5007 and request Document 414.

COMPLIANCE CODES

Code	Input	Output
PC	F	C
TC	X	X
IC	E	—

MAINTENANCE

- Life expectancy: 3-5 years of standby use.
- Battery performance is adversely affected by extreme temperatures.
- Old batteries should be recycled. Reference ADTRAN document 60000120-36A for more information.

BATTERY SPECIFICATIONS

- Part Number: 311212V02
- Suppliers: YUASA and PANASONIC
- Batteries: 7 Amp/ hr
- Battery type: Lead acid
- DC Output: -54 VDC, 60 W (average), 100 W
- Backup Time: Up to 8 hours
- Battery Charging: 16 hr nominal, 24 hr maximum
- Wire Gauge: 18 AWG
- Preferred Temperature: 68° F (20° C)

The device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by ADTRAN could void the user's authority to operate this equipment.



FUSE

- Part Number: 32543A03
- Rating: 3A, 250V
- Dimensions: 5 mm x 20 mm

SAMPLE WIRING DIAGRAM

The following is an illustration of a typical wiring connection between ADTRAN systems using an AC/DC power supply and battery charger and the battery backup unit. Please refer to your particular product documentation for specific wiring instructions for your product.

