



AC/DC POWER SUPPLY AND BATTERY CHARGER

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 61175044L2-22B

AC/DC POWER SUPPLY AND BATTERY CHARGER

P/N: 1175043L1
 CL#1: 5IMPAAARA
 P/N: 1175043L2
 CL#1: 5IMPAAARA
 P/N: 1175043L3
 CL#1: 5IMPAAARA



Note: The AC/DC Power Supply and Battery Charger is designed for use with the Total Access 750 and 850. It is not used with the Total Access 6120/6420 units.

MOUNTING INSTRUCTIONS

- Remove the Total Access 750/850 AC/DC Power Supply (ADTRAN P/N 1175043Lx) from the box and inspect for damage. If damage is apparent, contact your carrier or supplier.
- Place the power supply with the power cord oriented downward.
- Use four #6 x 3/8" machine screws (supplied) to mount the power supply to either side of the Total Access 750/850 shelf.
Note: Threaded mounting holes are provided on both sides of the shelf.
Note: For battery backup installations, it is recommended to mount the power supply on the left side of the Total Access 750/850 shelf, next to the battery cover hinge.
Note: Alternatively, the power supply can be mounted to the backboard with four #6 x 1" wood screws (not supplied).



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 warranty to operate this equipment.

WARRANTY

Warranty for Center Network products manufactured by ADTRAN and supplied under Buyer's order for use in the U.S. is for 10 years. For a complete copy of ADTRAN's U.S. Center Network Equipment Warranty (877-437-9007, Document 414).



STATUS LEDs

AC Power Operation (AC power on/off)
 ● GREEN On
 ● YELLOW Power Fail
 ● RED Power Fail
 ○ OFF Power Fail

Battery Operation (AC power supply or battery backup)
 ● GREEN On (charging)
 ● YELLOW Discharging
 ● RED Low (≤48 V)
 ○ OFF Disconnected

RELAYS

Alarm Relay
 ■ Provided for customer use

Condition Alarm Relay

Condition	Alarm Relay
Normal	Open
AC Power/Trouble	Cylinder squelched once per second if AC voltage < 85 Vrms until load and battery backup is connected
Battery Backup engaged	Steps closed if voltage < 45 VDC to indicate that battery is becoming depleted

Battery Disconnect Relay

- Disconnects battery pack from the system if the battery voltage falls below -40 VDC
- Prevents damage to batteries

CIRCUIT BREAKER

- 3-amp-circuit breaker
- Protects unit from over-current
- Ratchet button extends out from front panel when tripped
- Reset by pushing in on the ratchet button

GROUNDING

- An 18 AWG or larger ground wire is required to connect additional ground connector to "ground bus" in customer equipment room.

ELECTRICAL SPECIFICATIONS

- AC input: 115 V nominal
- Range: 90 to 132 VAC
- DC output: -54 V, 90 W average, 100 W peak
- Battery charging: 16 hr nominal, 24 hr maximum
- Battery discharge: Up to 8 hours

TELECOMMUNICATIONS CODES

Code	Input	Output
EC	0	1
SC	—	—
BC	0	—

BATTERY BACKUP UNIT

P/N: 1175044L2
C/L: 5NP00000A



Note: Battery Backup Unit is designed for use with the Total Access 612, 616, 624, 760 and 650 units.

MOUNTING INSTRUCTIONS

- Unpack the Total Access 750/650 Battery Backup Unit and inspect for damage. If damage is apparent, refer to your carrier or supplier for remedy.
- Note: It is not necessary to remove the batteries during installation process.
- The battery box must be mounted with the following minimum clearances:
Top: 9" (for Total Access 750/650)
Top: 8" (for Total Access 612/616/624)
Left Side: 2"
Right Side: 2"
Bottom: 3"
- Using the template provided, mark and drill three pilot holes for #16 mounting screws.
- Insert #10 x 3/4" flat-head wood screws (supplied) into the three pilot holes, leaving 1/16" space between the screw head and the backboard.
- CAUTION: Fully loaded Battery box weighs 35 lbs.
- Mount the battery box on the three support screws on the backboard.
- Remove the two closure screws on the battery box and open the cover.
- Use a wing shaft screwdriver to tighten the three support screws.

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 for batteries which carry manufacturer's warranty. For a complete copy of ADTRAN's U. S. Carrier Network Equipment Warranty: (877) 457-5067, Document 624.

TELECOMMUNICATIONS CODES

Code	Input	Output
IC	—	—
YC	—	—
PC	01	—

MAINTENANCE

- Life expectancy: 3-5 years on standby use
- Battery performance is adversely affected by extreme temperatures.
- Old batteries should be recycled. Reference 69050/20-345 for further information.

BATTERY SPECIFICATIONS

- Batteries: 7 Amp/hr (4 batteries per pack)
- Case size: 8" W x 3 3/4" H x 2 1/2" D
- Battery type: Lead acid
- Voltage: -54 VDC
- Backup Time: Up to 8 hours
- Wire Gauge: 18 AWG
- Preferred Temperature: 68° F (20° C)

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Note: The connection for the Total Access 650 will be identical to the Total Access 750.

