

AC/DC POWER SUPPLY AND BATTERY CHARGER

011700402-205



MOUNTING INSTRUCTIONS

- Remove the T1750000 AC Power Supply (ADTRAN part # 11750000) from the box and inspect for damage. If damage is apparent, contact your order or supplier.
- Place the power supply with the power cord oriented downward.
- Use the four #6 x 3/8" machine screws (supplied) to mount the power supply to either side of the T1750000 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 T1750000 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 authority to operate this equipment.

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. For a complete copy of ADTRAN U.S. Carrier Network Equipment Warranty, (877) 457-5067, Document 414.

■ For a complete IBM Practice: 877.457.5067, Document # 422. Please have fax number available. ■

STATUS LEDs

AC Power Operation (AC power only)

- GREEN OK
- YELLOW Power Fail
- RED Power Fail
- OFF Power Fail

Battery Operation (AC power supply or battery backup)

- GREEN OK (charging)
- YELLOW Discharging
- RED Low (80V)
- OFF Disconnected

RELAYS

Alarm Relay

- Provided for customer use

Condition	Alarm Relay
Normal	Open
AC Power Failure/ Battery Backup engaged	Cycles +/closed once per second if AC voltage < 88 Vrms at full load and battery backup is connected
Battery voltage < 85V	Stays closed if voltage < 85 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
- Breaker button extends out from front panel when tripped
- Reset by pushing in on the rocker button

GROUNDING

- 18 AWG or larger ground wire recommended 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, 60 W average, 100 W peak
- Battery charging: 16 hr nominal, 24 hr maximum
- Battery discharge: Up to 8 hours

TELECOMMUNICATIONS CODES

Code	Input	Output
AC	F	C
TD	—	—
PC	E	—



BACKUP BATTERY PACK

CLC15MP0030A



MOUNTING INSTRUCTIONS

- 1 Unpack the TA 750/850 Battery Backup system 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.
- 2 The battery box must be mounted with the following minimum clearances:
 Top - 9"
 Bottom - 2"
 Left Side - 3"
 Right Side - 2"
- 3 Using the template provided, mark and drill three pilot holes for #10 mounting screws.
- 4 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 30 lbs.
- 5 Mount the battery box on the three support screws on the backboard.
- 6 Remove the two closure screws on the battery box and open the cover.
- 7 Use a long shaft screwdriver to tighten the three support screws.

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TELECOMMUNICATIONS CODE

Code	Mean	Detail
TC		E
PC		B



MAINTENANCE

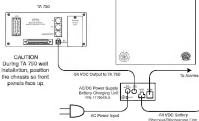
- Life expectancy: 3-5 years on standby use
- Battery performance is adversely affected by extreme temperatures.
- Old batteries should be recycled.

BATTERY SPECIFICATIONS

- Batteries: 7 Amp/hr (4 batteries per pack)
- Case size: 8"W x 3 1/4"H x 3 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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