

Customer Premises Equipment Battery Backup System

For Customer Premises Installations Battery Unit

Part Number: 730-0114

Power Supply/Battery Charger Unit

Part Number: 730-0116



Key Benefits :

- Wall or rack mounting maximizes space efficiency
- No in-service maintenance required with sealed, lead-acid batteries other than recommended three to four year replacement of Battery Unit
- Perform Battery Unit installation and replacement without interrupting unit operation (if plugged into AC power)
- Easy-to-read LED AC "line" status on Power Supply/Battery Charger Unit
- AC "line" power fail alarm
- Extended operational life with power drain-prevention feature
- Protection against AC power surges with built-in circuit breaker
- Limited five-year warranty for the Power Supply/Battery Charger Unit and 90 days for the Battery Unit from the date of the shipment

Protect your customers against service interruptions

The Customer Premises Equipment (CPE) Battery Backup System (BBS) provides a low-cost, low-maintenance tool to guard service interruptions due to power failure. Offering four to eight hours of battery backup for the Adit® 600 and eight to twelve for Access Bank® I and II, Wide Bank® 28, and Access Exchange™, it is the ideal solution to boosting customer satisfaction.

In the event of a power outage, the BBS supplies continuous -48VDC power to the equipment being backed up. Normal AC operation will recharge the battery then switch to trickle-charging the sealed lead-acid batteries.

Technical Specifications for the Customer Premises Equipment Battery Backup Solution

Features:

Product Supported	Backup Time
• Access Bank® I	8-12 hours
• Access Bank® II	8-12 hours
• Wide Bank® 28	8-12 hours
• Adit™ 600	4-8 hours

Backup times are at battery temperature of 68 °F (20 °C)

Components:

- AD-to-DC Power Supply/Battery Charger unit with external “telco ground” stud (not required for Adit 600)
- AC power “line” cable (US grounded 3-prong 120 VAC outlet only)
- -48VDC power cable with “quick connect” for battery charging (2-conductor DC cable)
- -48VDC power cable for Carrier Access product power connection (3-conductor DC cable)

Alarms:

- AC power fail alarm

Power:

- 120VAC power input with continuous -48VDC power output
- Maximum recharge time of approximately 24 hours

Regulatory Approvals:

- NRTL safety listed: UL 1950, CSA
- National Electrical Code 1996 safety requirements
- CSA C22.2 No. 950-93

Physical:

Power Supply/Battery Charger Unit

- Dimensions:
 - 3.25 in. (H) x 4.0 in. (W) x 5.0 in. (D)
 - 8.26 cm (H) x 10.16 cm (W) x 12.7 cm (D)
- Weight: 6.0 lbs. (2.72 kg)

Battery Unit:

- Dimensions:
 - 3.0 in. (H) x 17 in. (W) x 6.25 in. (D)
 - 7.62 cm (H) x 43.18 cm (W) x 15.86 cm (D)
- Weight: 30 lbs. (13.62 kg)

Environment:

- Operating temperature range: 32 °F to 122 °F (0 °C to 50 °C)
- Ideal operating temperature: 68 °F (20 °C)
- Temperatures outside this range will significantly affect battery lifetime