Power Supply, Battery Backup
(includes batteries – 12 or 24 Volt, VDC)
B-5243A

Description: Power supply to be used with Cornell systems. Power supply contains 2 batteries providing stand-by emergency power.

Rated Output: 4 amp continuous supply current at 12 VDC and 3 amp continuous supply current at 24 VDC.

Power: 4 amps continuous supply current at 12VDC (switch closed), 3 amps continuous supply current at 24 VDC (switch open), insure proper setting prior to installation. Factory set at 24VDC.

Circuit Protection: Short circuit and thermal overload protection.

Operation: Provides 4 amps continuous supply current at 12VDC, 3 amps continuous supply current at 24 VDC.

Mounting: Slotted keyholes make it suitable for vertical wall or rack mounting.

Engineering Specifications: The contractor shall furnish and install a CORNELL B-5243A Battery Backup Power Supply for use with the CORNELL Series System. The power supply shall operate at 115 Volts AC 60Hz. Enclosure provided with cam lock and field wiring on the units shall utilize screw terminals.

Technical Information:
- Input Power Requirements: 115VAC/60Hz, 1.45 amps
- Operating Environment: 50-120°F Indoor Non-condensing
- Physical Enclosure Dimensions: 16” H x 12” W x 5” D
- Mounting: Surface mounted enclosure.
- Wiring: #18 AWG Minimum
- Batteries Provided: (2) x 12 – Volt, Gel Cell Type, 7 to 7.5 Amp-Hour Capacity
**CAUTION:**

Power Supply can be configured as 12VDC or 24VDC
Ensure Proper Setting Prior to Installation

**Indicator LED Diagnostics:**

<table>
<thead>
<tr>
<th>Red-DC</th>
<th>Green-AC</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>On</td>
<td>On</td>
<td>Normal Operating condition</td>
</tr>
<tr>
<td>On</td>
<td>Off</td>
<td>Loss of AC</td>
</tr>
<tr>
<td>Off</td>
<td>On</td>
<td>No DC output</td>
</tr>
<tr>
<td>Off</td>
<td>Off</td>
<td>Loss of AC Discharge. No DC output</td>
</tr>
</tbody>
</table>