Altronix AL400ULX series power supply/chargers convert a 115VAC, 60Hz input into a single fused, four (4), eight (8) or sixteen (16) fuse or PTC protected outputs. Outputs are selectable for 12VDC with a total of 4A max. or 24VDC with a total of 3A max.

**Key Features**

- Available with 1, 4, 8 or 16 outputs.
- Fused or PTC protected outputs.
- Supervision:
  - AC Fail
  - Battery Fail and Battery Presence.
- Built-in charger for sealed lead acid or gel type batteries.
- Instantaneous transfer to stand-by batteries.
- Short circuit and overload protection.
- AC input and DC output options.
- UL Listed in the U.S. and Canada.
- CSFM and MEA Approved.
- Lifetime Warranty / Made in the U.S.A.
- All units are available in grey or red enclosure*.

*AL400ULXJ’s enclosure is red. For grey enclosure order model AL400ULXJG

### AL400ULX Series Power Supply Configuration Reference Chart

<table>
<thead>
<tr>
<th>Altronix Model Number</th>
<th>12VDC Total Output Rating (A)</th>
<th>24VDC Total Output Rating (A)</th>
<th>Input Rating: 115VAC, 60Hz</th>
<th>Input Fuse Rating</th>
<th>Power Supply Output Fuse Rating</th>
<th>Power Distribution Module</th>
<th>Number of Outputs</th>
<th>Fused Output Ratings</th>
<th>PTC Auto-Resettable Outputs Ratings</th>
<th>Accommodates Batteries</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL400ULX</td>
<td>4A</td>
<td>3A</td>
<td>3.5A</td>
<td>5A/250V</td>
<td>15A/32V</td>
<td>N/A</td>
<td>1</td>
<td>3.5A</td>
<td>–</td>
<td>Two (2) 7AH</td>
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<td>AL400ULXX</td>
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<td></td>
<td>Two (2) 12AH</td>
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<td>AL400ULXJ(G)</td>
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<td>Two (2) 18AH</td>
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<td>AL400ULPD4</td>
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<td>Two (2) 7AH</td>
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<td>AL400ULPD4CB</td>
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<td>Two (2) 7AH</td>
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<td>AL400ULPD8</td>
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<tr>
<td>AL400ULXPD16</td>
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<td>AL400ULXPD16CB</td>
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<td></td>
<td>Two (2) 7AH</td>
<td></td>
</tr>
</tbody>
</table>
AL400ULX Series
Power Supply/Chargers

Specifications

**Input**
- **Voltage**: 115VAC, 60Hz, 3.5A max.
- **Fusing**: 5A / 250V.

**Outputs**
- **Voltage**: 12VDC or 24VDC selectable.
- **Current**: 4A @ 12VDC or 3A @ 24VDC continuous max.
- **Protection**: Fused 3.5A / PTC 2.5A.
- **Other**: Overvoltage protection. Filtered and regulated.

**Back-up Battery (not included)**
- **Capacity**: 7AH / 12VDC (1 or 2 within enclosure).
- **Type**: Sealed lead acid or gel type.
- **Fuse Rating**: 15A @ 32VDC.
- **Failover**: Upon AC loss, instantaneous.

**Supervision**
- **AC Failure**: Form "C" contacts.
- **Battery**: Form "C" contacts.

**Indicators (LED)**
- **Input**: 115VAC is present.
- **DC Output**: Powered.
- **Battery**: Discharged or not connected.

Agency Listings

**All Models**:
- **UL**:
  - UL294 Access Control System Units.
  - UL603 Power Supplies for Use with Burglar-Alarms Systems.
  - UL 1069 UL Listed Hospital Signaling and Nurse Call Equipment.
  - UL1481 Power Supplies for Fire Protective Signaling Systems.
- **cUL**:
  - CSA C22.2 No.205 Signal Equipment.
- **AL400ULX and AL400ULXX only**:
  - CSFM California State Fire Marshall Approved.
  - MEA NYC Department of Buildings Approved.
  - FM Factory Mutual Approved.

Physical and Environmental

**Dimensions (H x W x D)**
- AL400ULX, AL400ULPD4(CB), AL400ULPD8(CB):
  - 13.5” x 13” x 3.25” (342.9mm x 330.2mm x 82.55mm).
- AL400ULXX, AL400ULXPD16(CB):
  - 15.5” x 12” x 4.5” (393.7mm x 304.8mm x 114.3mm).
- AL400ULXJ:
  - 18” x 14.5” x 4.625” (457.2mm x 368.3mm x 117.48mm).

**Product / Shipping Weight (approx.)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Product Weight</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL400ULX</td>
<td>6.95 lbs. (3.15 kg)</td>
<td>8.75 lbs. (4.0 kg)</td>
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<td>AL400ULXX</td>
<td>8.55 lbs. (3.88 kg)</td>
<td>10.85 lbs. (4.92 kg)</td>
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<tr>
<td>AL400ULXJ(G)</td>
<td>11.5 lbs. (5.22 kg)</td>
<td>13.7 lbs (6.21 kg)</td>
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<tr>
<td>AL400ULPD4(CB)</td>
<td>7.1 lbs. (3.22 kg)</td>
<td>8.9 lbs (4.04 kg)</td>
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<tr>
<td>AL400ULPD8(CB)</td>
<td>7.2 lbs. (3.27 kg)</td>
<td>9.0 lbs (4.08 kg)</td>
</tr>
<tr>
<td>AL400ULXPD16(CB)</td>
<td>7.3 lbs. (3.31 kg)</td>
<td>9.1 lbs (4.13 kg)</td>
</tr>
</tbody>
</table>

**Temperature**
- **Operating**: 0ºC to 49ºC (32ºF to 120ºF).
- **Storage**: -20ºC to 70ºC (-4ºF to 158ºF).
- **Relative Humidity**: 85% +/-5%.

**BTU/Hr (approx.)**
- 12VDC: 25 BTU/Hr.
- 24VDC: 37 BTU/Hr.