Altronix AL600ULX 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 or 24VDC with a total of 6A 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
- All units are available in grey or red enclosure.

### AL600ULX Series Power Supply Configuration Reference Chart

<table>
<thead>
<tr>
<th>Altronix Model Number</th>
<th>Total Output Rating (A)</th>
<th>Input Rating: 115VAC, 60Hz</th>
<th>Input Fuse Rating</th>
<th>Power Distribution Module</th>
<th>Class 2 Rated Power-Limited Outputs</th>
<th>Number of Outputs</th>
<th>Fused Output Ratings</th>
<th>PTC Output Ratings</th>
<th>Accommodates Batteries</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL600ULX</td>
<td>6A</td>
<td></td>
<td>3.5A</td>
<td>5A/250V</td>
<td>N/A</td>
<td>1</td>
<td>6A</td>
<td>–</td>
<td>Two (2) 7AH</td>
</tr>
<tr>
<td>AL600ULXX</td>
<td>6A</td>
<td></td>
<td>3.5A</td>
<td>5A/250V</td>
<td>PD4UL</td>
<td>4</td>
<td>3.5A</td>
<td>–</td>
<td>Two (2) 7AH</td>
</tr>
<tr>
<td>AL600ULPD4</td>
<td>4</td>
<td>5A/250V</td>
<td>3.5A</td>
<td>5A/250V</td>
<td>PD4ULCB</td>
<td>3</td>
<td>4</td>
<td>–</td>
<td>Two (2) 7AH</td>
</tr>
<tr>
<td>AL600ULPD8</td>
<td>8</td>
<td>5A/250V</td>
<td>3.5A</td>
<td>5A/250V</td>
<td>PD8UL</td>
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<td>3.5A</td>
<td>–</td>
<td>Two (2) 7AH</td>
</tr>
<tr>
<td>AL600ULPD8CB</td>
<td>8</td>
<td>5A/250V</td>
<td>3.5A</td>
<td>5A/250V</td>
<td>PD8ULCB</td>
<td>3</td>
<td>8</td>
<td>–</td>
<td>Two (2) 7AH</td>
</tr>
<tr>
<td>AL600ULXPD16</td>
<td>16</td>
<td></td>
<td>3.5A</td>
<td>5A/250V</td>
<td>Two (2) PD8UL</td>
<td>16</td>
<td>3.5A</td>
<td>–</td>
<td>Two (2) 12AH</td>
</tr>
<tr>
<td>AL600ULXPD16CB</td>
<td>16</td>
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<td>3.5A</td>
<td>5A/250V</td>
<td>Two (2) PD8ULCB</td>
<td>3</td>
<td>16</td>
<td>–</td>
<td>Two (2) 12AH</td>
</tr>
</tbody>
</table>
**Specifications**

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

**Outputs**
- **Voltage**: 12VDC or 24VDC selectable.
- **Current**: 6A @ 12VDC or 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), 12AH / 12VDC (requires larger “X” enclosure), 40 AH / 65 AH (requires separate enclosure).
- **Type**: Sealed lead acid or gel type.
- **Charging current**: 0.7A.
- **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**
- Access Control: UL294
- Burglar Alarm: UL603
- Hospital Signaling: UL1069
- Fire Alarm: UL1481
- California State Fire Marshall Approved

**Physical and Environmental**
- **Dimensions (H x W x D)**
  - AL600ULX, AL600ULPD4(CB), AL600ULPD8(CB):
    - 13.5” x 13” x 3.25” (342.9mm x 330.2mm x 82.55mm).
  - AL600ULXX, AL600ULXPD16(CB):
    - 15.5” x 12” x 4.5” (393.7mm x 304.8mm x 114.3mm).

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Product Weight</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL600ULX</td>
<td>7.6 lbs. (3.45 kg)</td>
<td>8.5 lbs. (3.86 kg)</td>
</tr>
<tr>
<td>AL600ULXX</td>
<td>9.3 lbs. (4.22 kg)</td>
<td>10.6 lbs. (4.81 kg)</td>
</tr>
<tr>
<td>AL600ULPD4(CB)</td>
<td>8.45 lbs. (3.83 kg)</td>
<td>9.35 lbs (4.24 kg)</td>
</tr>
<tr>
<td>AL600ULPD8(CB)</td>
<td>8.7 lbs. (3.95 kg)</td>
<td>9.6 lbs (4.35 kg)</td>
</tr>
<tr>
<td>AL600ULXPD16(CB)</td>
<td>11.4 lbs. (5.17 kg)</td>
<td>12.7 lbs. (5.76 kg)</td>
</tr>
</tbody>
</table>

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

**BTU/Hr:**
- 12VDC: 36.85 BTU/Hr.
- 24VDC: 73.70 BTU/Hr.