Altronix AL300ULX 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 2.5A 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*.

*AL300ULXJ’s enclosure is red. For grey enclosure order model AL300ULXJG

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**AL300ULX Series Power Supply/Chargers**

<table>
<thead>
<tr>
<th>Altronix Model Number</th>
<th>Total Output Rating (A)</th>
<th>Input Rating: 115VAC, 60Hz (A)</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 Outputs Ratings</th>
<th>PTC Auto-Resettable Outputs Ratings</th>
<th>Accommodates Batteries</th>
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</thead>
<tbody>
<tr>
<td>AL300ULX</td>
<td>2.5A</td>
<td>3.5A</td>
<td>5A/250V</td>
<td>15A/32V</td>
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<tr>
<td>AL300ULXX</td>
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<td></td>
<td>PD4UL</td>
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<td>3.5A</td>
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<td>Two (2) 12AH</td>
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<td>AL300ULXJ(G)</td>
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<td>PD4ULCB</td>
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<td>Two (2) PD8UL</td>
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<td>2.5A</td>
<td>Two (2) 12AH</td>
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</tbody>
</table>
**Specifications**

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

**Outputs**
- **Voltage**: 12VDC or 24VDC selectable.
- **Current**: 2.5A power-limited continuous max.
- **Protection**: Fused 3.5A / PTC 2.5A.
- **Other**: Overvoltage protection. Filtered and regulated. PTC protected outputs are auto-resettable.

**Back-up Battery (not included)**
- **Capacity**: 7AH / 12VDC (1 or 2 within enclosure). 12AH / 12VDC (requires larger “X” enclosure). 18AH / 12VDC (requires larger “J” enclosure). 40 AH / 65 AH (requires separate enclosure).
- **Type**: Sealed lead acid or gel type.
- **Charging current**: 0.7A.
- **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.
  - UL 1069: UL Listed Hospital Signaling and Nurse Call Equipment.
- **cUL**:
  - CSA C22.2 No.205: Signal Equipment.
- **CSFM**: California State Fire Marshall Approved.

**Physical and Environmental**

**Dimensions (H x W x D)**
- **AL300ULX, AL300ULXX and AL300ULXJ only**:
  - **AL300ULX**: 13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm).
  - **AL300ULXX**: 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm).
  - **AL300ULXJ**: 18" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.5mm).

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Product Weight</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AL300ULX</td>
<td>6.65 lbs. (3.1 kg)</td>
<td>8.45 lbs (3.83 kg)</td>
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<td>AL300ULXX</td>
<td>8.25 lbs. (3.75 kg)</td>
<td>10.55 lbs (4.79 kg)</td>
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<td>AL300ULXJ(G)</td>
<td>11.5 lbs. (5.22 kg)</td>
<td>13.7 lbs (6.21 kg)</td>
</tr>
<tr>
<td>AL300ULPD4(CB)</td>
<td>6.8 lbs. (3.1 kg)</td>
<td>8.6 lbs (3.9 kg)</td>
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<td>AL300ULPD8(CB)</td>
<td>6.9 lbs. (3.13 kg)</td>
<td>8.7 lbs (3.95 kg)</td>
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<td>AL300ULXP16(CB)</td>
<td>8.55 lbs. (3.88 kg)</td>
<td>10.85 lbs (4.92 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: 15 BTU/Hr.
- 24VDC: 31 BTU/Hr.