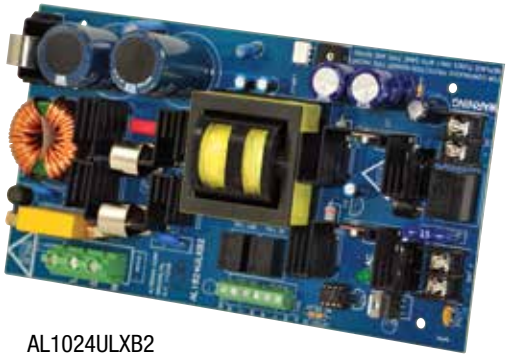
# AL1024ULXB2
## Power Supply/Charger



AL1024ULXB2

### Description

Altronix AL1024ULXB2 UL Listed Sub-Assembly power supply/charger converts 115VAC, 60Hz input into a single 24VDC non power-limited output. It also offers a suite of features that includes AC fail supervision, battery presence, and low battery supervision.

### Specifications

**Input**

| | |
|---|---|
| Voltage | 115VAC 60Hz, 4.2A max. |
| Fusing | 5A / 250V. |

**Output**

| | |
|---|---|
| Voltage | 24VDC. |
| Current | 8A continuous supply current with 10A supply current during alarm. |
| Other | Short circuit and thermal overload protection. Filtered and regulated. |

**Back-up Battery** *(not included)*

| | |
|---|---|
| Type | Sealed lead acid or gel type. |
| Fuse Rating | 15A @ 32V. |
| 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**

**UL:**

| | |
|---|---|
| Access Control | UL294 |
| Burglar Alarm | UL603 |
| Fire Alarm | UL1481 |

**cUL:**

| | |
|---|---|
| Signal Equipment | CSA C22.2 No.205-M1983 |

**Physical and Environmental**

Dimensions (L x W x H)

8.4" x 4.5" x 1.9" (213.4mm x 114.4mm x 49.7mm).

| | |
|---|---|
| Product Weight | 1.15 lbs. (0.52 kg). |
| Shipping Weight | 1.45 lbs. (0.0.66 kg). |

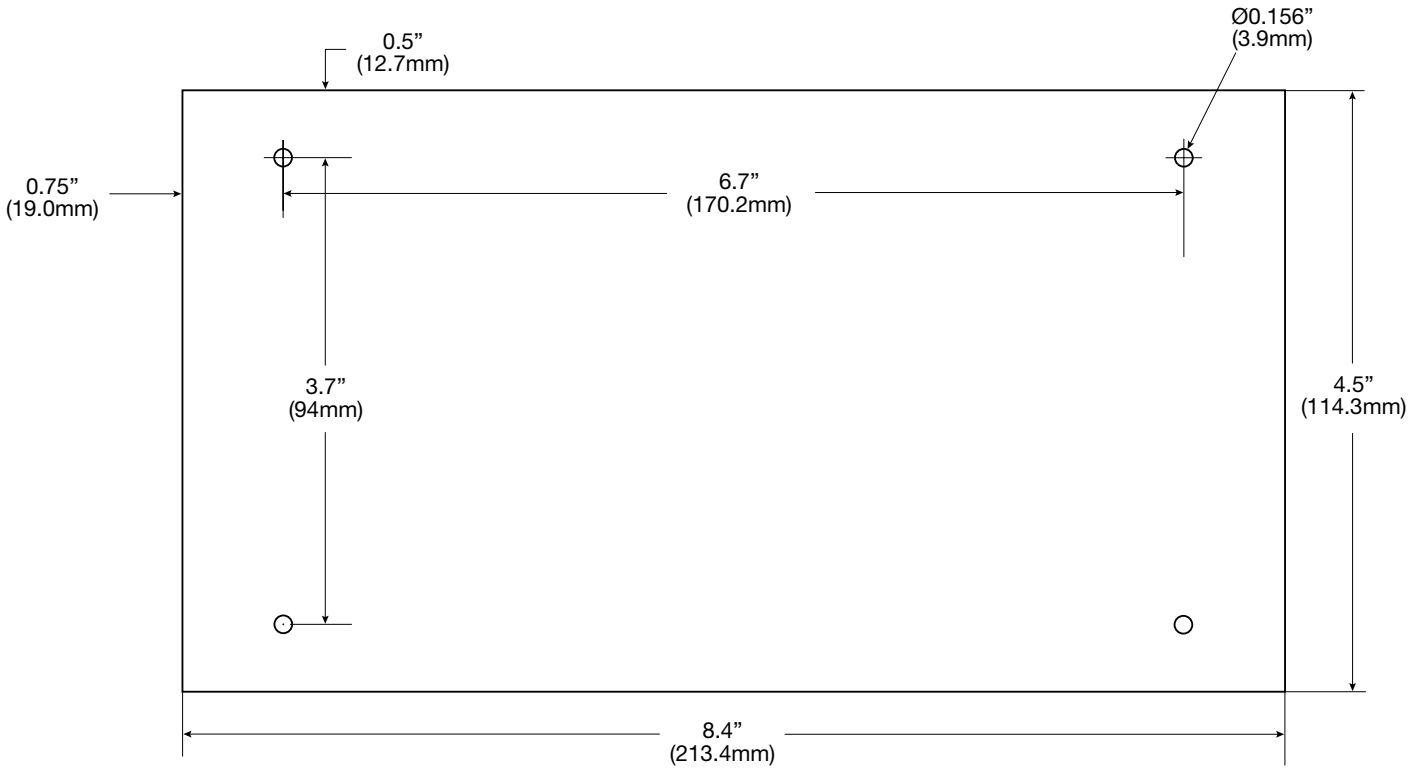
Temperature

| | |
|---|---|
| Operating | 0ºC to 49ºC (32ºF to 120ºF). |
| Storage | -20ºC to 70ºC (-4ºF to 158ºF). |
| Relative Humidity | 85% +/-5%. |
| BTU/Hr (approx.): | 123 BTU/Hr. |

# AL1024ULXB2
## Power Supply/Charger

### Board Dimensions (L x W x H) and Drawing

8.4” x 4.5” x 1.9” (213.4mm x 114.4mm x 49.7mm)




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