

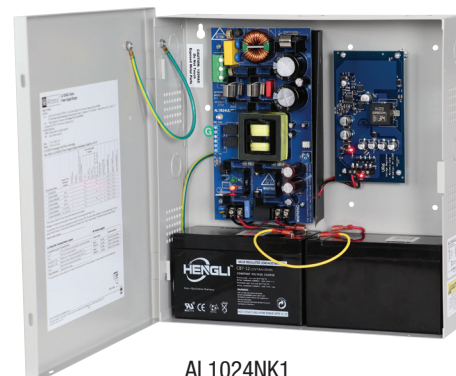
AL1024NK1

Dual Output Power Supply/Charger Kit

Ordering# AL1024NK1

Kit Contents: AL1024ULXB2 with VR6 UL Listed sub-assembly

Altronix AL1024NK1 dual output power supply/charger kit converts a 115VAC, 60Hz input into one (1) 5VDC or 12VDC selectable output at up to 6A supply current and one (1) 24VDC output. It also offers a suite of features that includes overvoltage protection, AC fail supervision, low battery supervision and battery presence supervision.



AL1024NK1

Key Features

- Reduces the cost of adding an additional power supply to achieve 24VDC and 12VDC or 5VDC simultaneously
- Overvoltage protection
- 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 indicators
- Kit contents are UL Listed sub-assemblies
- CE European Conformity
- Lifetime Warranty

Lifetime Warranty

Altronix Corporation | 140 58th St | Brooklyn, NY 11220 USA

phone: +1 718.567.8181 | fax: +1 718.567.9056 | email: info@altronix.com | www.altronix.com



AL1024NK1

Dual Output Power Supply/Charger Kit

Specifications

Power Supply (AL1024ULXB2):

Input

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

Outputs

| | |
|---------|--|
| Voltage | 24VDC |
| Current | 10A @ 24VDC continuous max. |
| Other | Overvoltage protection Filtered and regulated |

Battery Charging

| | |
|-------------------------------|---|
| Capacity | 12AH/7VDC (2 within enclosure) 40AH/65AH (requires separate enclosure) |
| Type | Sealed lead acid or gel type |
| Failover | Upon AC loss, instantaneous |
| Batteries are sold separately | |

Supervision

| | |
|------------|-------------------|
| AC Failure | Form "C" contacts |
| Battery | Form "C" contacts |

Indicators (LED)

| | |
|-----------|-----------------------------|
| Input | 115VAC is present |
| DC Output | Powered |
| Battery | Discharged or not connected |

Voltage Regulator (VR6):

Input

| | |
|---------|------------------------|
| Voltage | 24VDC from AL1024ULXB2 |
|---------|------------------------|

Output

| | |
|---------|-------------------|
| Voltage | 12VDC |
| Current | 6A continuous |
| Other | Surge suppression |

Indicators (LED)

| | |
|--------|------------------|
| Input | 24VDC is present |
| Output | Powered |

Agency Listings

AL1024ULXB2

| | |
|------------------|------------------------|
| Access Control | UL294 |
| Burglar Alarm | UL603 |
| Fire Alarm | UL1481 |
| Signal Equipment | CSA C22.2 No.205-M1983 |

VR6

| | |
|----------------|---------------------|
| Access Control | UL294, ULC-S319 |
| CE | European Conformity |

Physical and Environmental

Dimensions (H x W x D)

| | |
|--|---|
| Enclosure: | 13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm) |
| Shipping: | 15" x 13.875" x 4.75" (381mm x 352.4mm x 120.6mm) |
| Enclosure accommodates up to two (2) 12VDC/7AH batteries | |

Weight (approx.)

| | |
|-----------|-------------------|
| Product: | 6.9 lb. (3.13 kg) |
| Shipping: | 7.8 lb. (3.54 kg) |

Temperature

| | |
|------------|-------------------------------|
| Operating: | 0°C to 49°C (32°F to 120°F) |
| Storage: | -20°C to 70°C (-4°F to 158°F) |

Relative Humidity 85% +/- 5%

BTU/Hr. (approx.) 123 BTU/Hr.

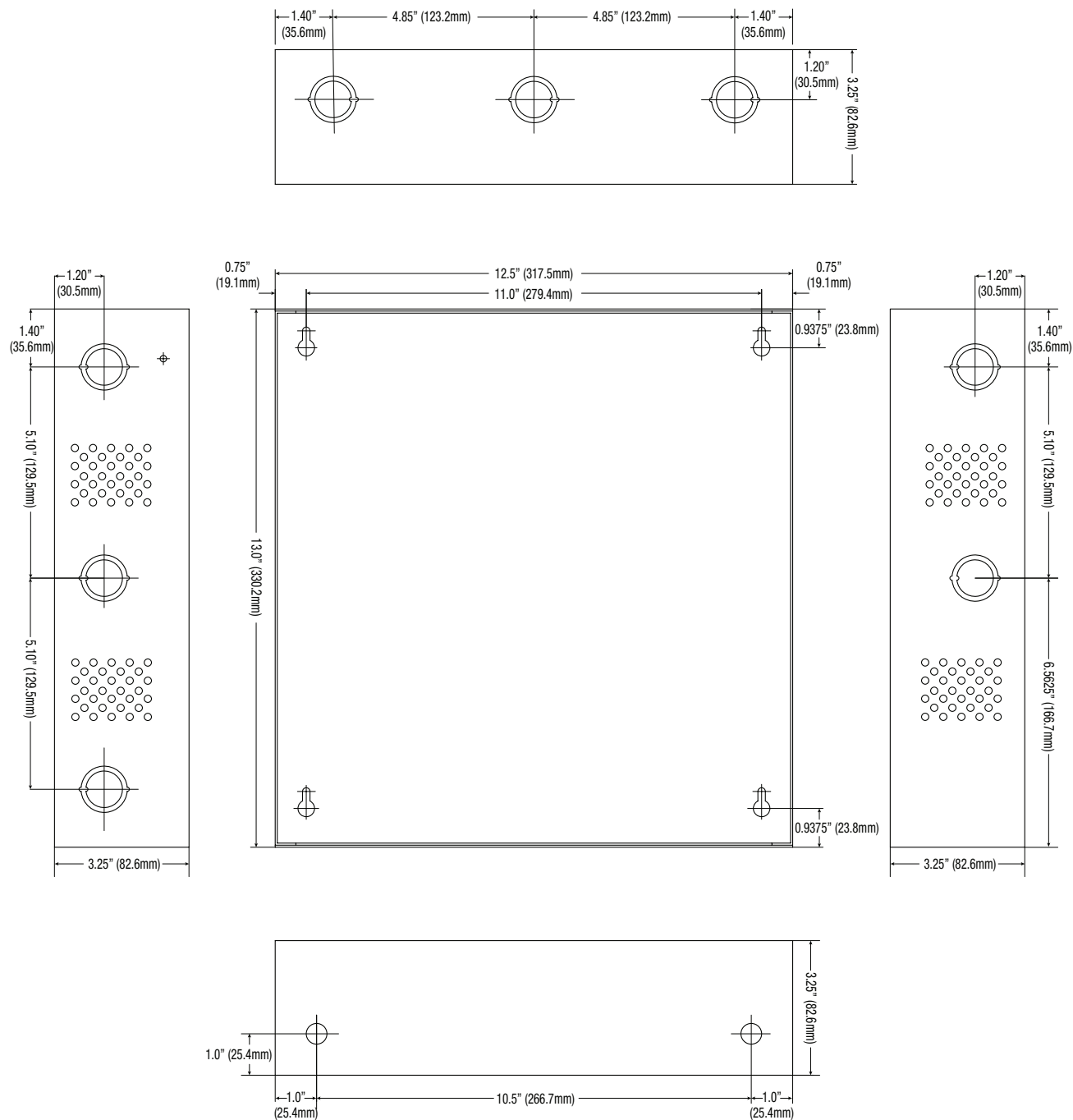
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Dimensions and Drawing

Dimensions (H x W x D approximate)

13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm)



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