

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.



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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



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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

Back-up Battery

Capacity 12AH/7VDC (2 within enclosure)
40AH/65 AH (requires separate enclosure)
Type Sealed lead acid or gel type
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

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.

Lifetime Warranty