

AL1024ULXB2

Power Supply/Charger Board

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.



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C Specifications			
Input		Agency Listings	
Voltage	115VAC 60Hz, 4.2A max.	UL:	
Input Fuse	5A/250V	UL294	Access Control System Units
Output Voltage Current	24VDC (UL 1481) 8A continuous supply current with	UL 603 UL1481 cUL:	Burglar Alarm Power Supplies for Fire Protective Signaling Systems
	10A supply current during alarm (UL 1481) 24VDC @ 10A (UL 294)	Signal Equipmen	t CSA C22.2 No.205-M1983
Other	Short circuit and thermal overload protection Filtered and regulated	Physical and Environmental Dimensions (L x W x H)	
Battery Charging		Board: 8.3" x 4.5" x 1.9" (210.8mm x 114.4mm x 49.7mm)	
Туре	Sealed lead acid or gel type		4" (254mm x 203.2mm x 101.6mm)
Fuse Rating	15A/32V	Weight (approx.) Product Weight:	1.15 lb (0.52 kg)
Failover	Upon AC loss, instantaneous	Shipping Weight:	1.45 lb. (0.0.66 kg)
Batteries are sold separately		Temperature	
Supervision AC Failure Battery	Form "C" contacts Form "C" contacts	Operating: Storage: Relative Humidity	
Indicators (LED)		BTU/Hr (approx.)	123 BTU/Hr.
Input	115VAC is present		
DC Output	Powered		

Rev. 07272022



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Dimensions and Drawing -

Board Dimensions (L x W x H approximate) 8.3" x 4.5" x 1.9" (210.8mm x 114.4mm x 49.7mm) Mounting Holes' Tolerance: +/- 0.04 in. (1mm)

