

2500-PWR24U Power Supply

SmartRescue Two-Way Communication (Area of Refuge)



Supports two-way communication for in-building rescues.

- Battery backup with 24-hour standby and 4-hour active operation.
- Ensures 24 hour minimum system operation under quiescent load (when in non-alarm condition).
- ETL recognized conforms to UL STD 2017.



Specifications

Part Number	2500-PWR24U
Dimensions	8.78" H x 12.29" W x 2.81" D
Weight	8.1 lbs
Power Requirements	Input: 100 VAC to 120 VAC, 50/60 Hz, 4.0 A Output: 24 VDC @5 A total continuous output Filtered and electronically regulated output 12 PTC protected outputs @0.500A current limited Class 2 24 VDC adjustable output 24 VDC S1 on/off switch Input and output status LED indicators
Protection	Short circuit/overload/over voltage
Supervision	DC power failure supervision (form C contacts)
Terminal Identification	L, G, N connections for VAC terminals: L to Hot, N to Neutral, Ground to Chassis + DC - 24 VDC @5A continuous power limited output DC Power Failure Indicates loss of DC power, e.g. connect to annunciator/alarm panel NC, C, NO Relay normally energized when DC power is present. Contract rating at 1 A @28 VDC Earth ground stud used for making connection from enclosure to earth ground
Power Distribution Module	1+ to 12+ positive DC power outputs / 1- to 12- negative DC power outputs
Wiring	To 2500 headend: 18 AWG 1 pair To 2100 call box: 18 AWG 1 pair
Environmental	32°F to 120°F ambient for indoor use only
Warranty	2 years
Maintenance	Annually check: output voltage, verify 24 VDC and current draw
Code Compliance	ETL Recognized Component Conforms to UL STD 2017

Compatible with the Following: RATH SmartRescue System



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