

PSU24-10 Intelligent Power Supply Unit

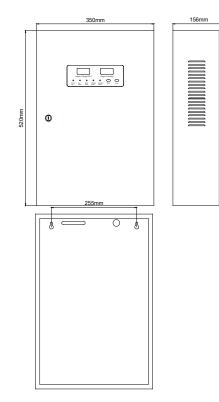


Description

To support heavy consumption application, part of the fire alarm devices require for external 24VDC power supply. PSU24-10 Intelligent Network Power Supply Unit is the suitable choices. The supply source can be 110~230 VAC, 50/60 Hz. Be able to output 26.5VDC/10A. The built-in charger and maintenance-free sealed lead acid batteries ensure the standby supply.

Installation Data

PSU24-10 power supply unit is wall-mount/flush-mount combined. Its appearance and the mounting holes are shown here.



Features and Benefits

- Seamless convert between mains and standby power sources.
- Battery re-chargeable with temperature compensation. Charging current is 2A. Maximum battery capacity is 24Ah sealed lead acid battery.
- Battery over-discharge protection.
- Indication of output voltage, output current, mains fault, battery fault, output fault and charger fault.
- Local audio fault indication.



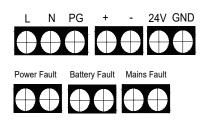
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Terminals

The terminals of the PSU are shown below.



L, N, PG: AC input.

+,-: Battery input.		
24V, GND: 24VDC output.		
Power Fault:	24VDC fault contact, 30VDC/2A	
Battery Fault:	Battery fault contact, 30VDC/2A	
Mains Fault:	Mains fault contact, 30VDC/2A	

2.5mm² or above fire cable is recommended for 24VDC line, 1.0mm² or above fire cable is recommended for other signal lines, but subject to local codes.

Technical Specification

Mains Power	110VAC~230VAC, 50/60Hz
Battery Size	24VDC /24Ah
Rated Output	10A/26.5V DC
Ingress Protection	IP20
Operating Environment	Temperature: 0°C ~ +40°C Relative humidity≤95%, non condensing
Dimension	520mm × 350mm × 156mm

Ordering Information

Part No.	PSU24-10
Device Name	Intelligent Power Supply Unit
Product No.	10103015



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