

# PSU24-10 Intelligent Power Supply Unit



## Description

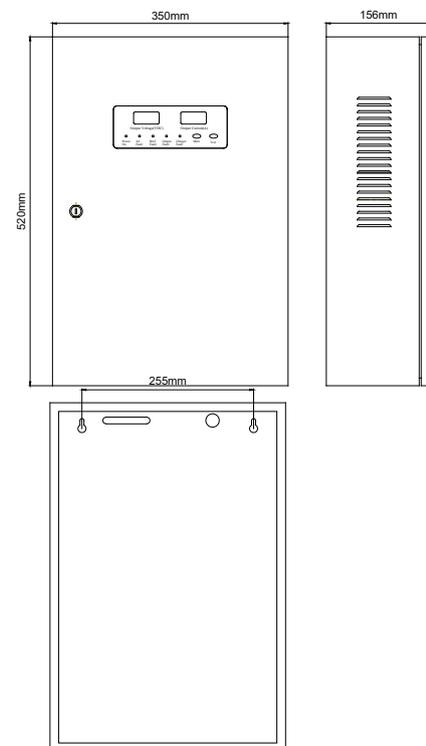
To support heavy consumption application, part of the fire alarm devices require for external 24VDC power supply. PSU24-10 Intelligent Network Power Supply Unit is the suitable choices. The supply source can be 110~230 VAC, 50/60 Hz. Be able to output 26.5VDC/10A. The built-in charger and maintenance-free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

## 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.

## Installation Data

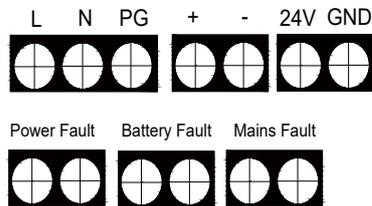
PSU24-10 power supply unit is wall-mount/flush-mount combined. Its appearance and the mounting holes are shown here.



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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

2.5mm<sup>2</sup> or above fire cable is recommended for 24VDC line, 1.0mm<sup>2</sup> 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