

PSU24-10 Intelligent Power Supply Unit



Description

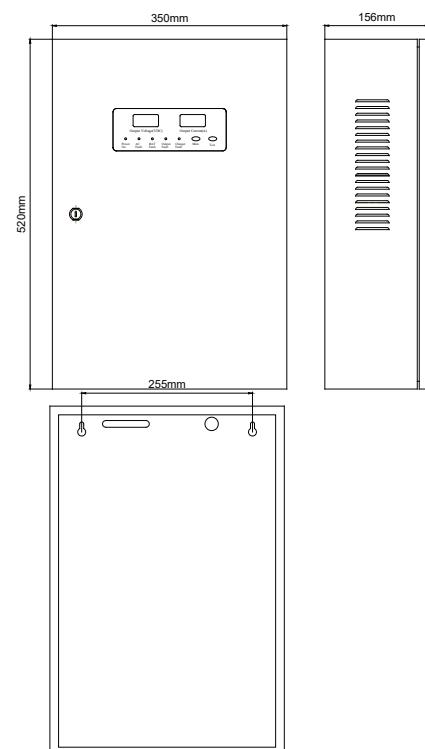
To support heavy consumption application, part of the fire alarm devices require for external 24VDC power supply. PSU24-10 Intelligent Network Power Supply Unit is the suitable choices. The supply source can be 110~230 VAC, 50/60 Hz. Be able to output 26.5VDC/10A. The built-in charger and maintenance-free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

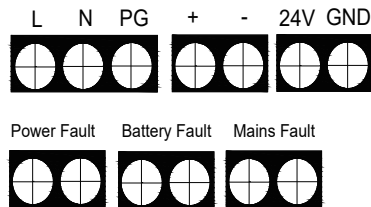
Installation Data

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



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 |