



# Intelligent Boxed Power Supply Unit

PSU24-6A

## Description

PSU24-6A Intelligent Network PSU is DC24V large capacity field power output equipment, used together with the controller to power connected controlling module and controlled devices.

The PSU applies AC220V as its primary power and sealed lead-acid battery as standby power. In case of commercial power failure, it can automatically switch to standby power. Applying switched power voltage stabilizing circuit and standby power float charging circuit, it has the functions of automatic over-current protection, switch between primary and standby power, and automatic charge and over-discharge of standby battery.

PSU24-6A can also report common fault signals from primary and standby power to controller through non-polarized two-wire, solving the problem that field powered high current devices cannot be activated as a result of voltage-drop of powering line.

## Features and Benefits

- 6 Amperes/ 24 volt DC Intelligent PSU
- Addressable PSU sit in the loop
- Fully Monitored with self test facilities
- Display AC input voltage, DC output voltage and DC load (Amp)
- Addressable intelligence enabling full monitoring and reporting to Fire Control Panel
- Built-in Battery Charger

## Technical Specifications

- Output Capacity:  
Capacity Rating: DC24V, 6A  
Maximum Capacity: DC24V, 8A
- Operating Environment:  
Temperature: 0°C ~ +40°C  
Relative Humidity ≤ 95%, no condensation
- Power Supply:  
Primary power is AC220V<sup>+10%</sup>-15% (>5A)  
Standby power is DC24V/24Ah (maximum capacity) sealed lead-acid battery
- Fault Information:  
Primary Power Input: Over 260VAC; Less than 160VAC  
Secondary Power Input: Over 28VDC; Less than 15VDC  
Output Current: Over 8 A
- Addressing: Electronic Programming, one address
- Application: Indoor Use
- Colour: Ivory White
- Dimension: 500mm x 170mm x 440mm

## Selection of compatible Control Panels

Compatible with all GST products.

## Ordering Information



**Part Number:** PSU24-6A  
**Description:** Intelligent Network Boxed PSU  
**Weight / Kg.:** 10.46  
**Pack Qty. per Box:** 1

