

## **MULTI-PUROSE SWITCHING POWER SUPPLY**

For Security System and Access Control System Applications

# **UPS-12SD**

### **REGULATED DUAL - OUTPUT WITH TIMING CONTROL**



#### FEATURES AND FUNCTIONS:

- 100-240VAC, 50/60 Hz Input Voltage
- Switching Mode Circuit, 3A Power Source, High Efficiency, Light Weight and Compact
- Regulated and Filtered Output Voltage
- Output Overload/Short Circuit Protection, Using Resettable Protection Device
- Dual 12VDC Regulated Direct Outputs
- Dual 12VDC Regulated Timing Relay Outputs
- Timing Control by Built-in Timer, or by the Programmable Timer of the Control Station
- Compatible with all Kinds of Access Control Stations, Small Output of the Control Station can Control High Current Relay Output via the Power Supply, Egress Button can be connected to the Power Supply for Opening the Door
- Supply 2 Routes of Power for 2 Access Control Stations and 2 Electric Locks, or for the Access Control Stations having 2 Control Outputs
- Power Supply with Rechargeable Battery (if equipped) Back-up, Suitable for Security Alarm System and Access Control System Applications
- Built-in Back-up Battery Charger with Resettable Protection Device
- Reverse Polarity Protected
- Switchover to Back-up Battery (if equipped) Automatically when AC Power Fails
- 2 LEDs to Indicate AC Power Input and DC Power Output Status
- Versatile Applications and Easy Installation

#### **SPECIFICATIONS:**

Input Voltage : 100-240VAC 50/60Hz

Output Power : 12VDC Regulated

2.5A Continuous Duty at 23°C,

3A Max for Momentary Duty at 23°C

13.7VDC Constant Voltage with Current Limiting Resistor. Battery Charger :

Charging Current 0.25A Max

Control Inputs : High-potential Input, Low-potential Input

**Output Relay Contacts:** N.C. and N.O. Controllable Timing Relay Contact

**Built-in Timer:** 0.5-25 Seconds Adjustable

**Back-up Battery:** 12V/1.2Ah Lead-acid Rechargeable Battery (Option)

• Dimension : 204mm x 108mm x 67mm

Weight: 1.0Kg



TEL : (852) 24299719 **FAX** : (852) 24892411 E-MAIL : aei@aei-secucom.com

WEBSITE: http://www.aei-secucom.com