

## INDUSTRIAL GRADE UPS: UPS 300

### FEATURES

- DIN Rail mountable
- Continuous mains supply back-up (300VA)
- Separate battery pack for easy replacement
- Hot swappable battery pack
- Aluminium chassis
- Line Interactive

### DESCRIPTION

The UPS300 is designed to provide backup AC power to equipment and assist in avoiding major breakdowns. The UPS300 is simply clipped onto the DIN rail and connections made on the removable plugin connectors. The same applies to the battery box, this is equipped with the same quick release DIN rail clip and plugs into the UPS300 by means of a plug connector.

The standby battery is automatically charged via the UPS300 and maintained in standby mode ready for backup if needed. A modified computer grade wave form at 240Vac 50hz is supplied during a backup period. The internal AVR maintains a constant voltage during normal AC mains operation.

### INDICATOR

|                                |                                |
|--------------------------------|--------------------------------|
| Steady on of green LED :       | Line normal                    |
| Flashing slowly of green LED : | Battery in use                 |
| Flashing fast of green LED :   | Battery Low Ready to shut down |
| Blackout of green LED :        | UPS shut down                  |

### ALARM BUZZER

|                        |  |
|------------------------|--|
| 6 sec. Ring per time : | UPS in battery mode                            |
| 1 sec. Ring per time : | Battery power exhausted                        |
| Long beep :            | Overloaded and UPS will shut down after 20 sec |

### SPECIFICATIONS - AC ELECTRICAL

|  |   |
|--|---|
| Supply voltage :   | 240V AC - 50Hz  |
| Current consumption without load and fully charged battery : | approx 40mA   |
| Capacity with fully loaded battery 300VA :                   | Output voltage on standby 240V AC 50Hz                            |
| Wave form :  | Modified square wave form   |
| AVR :  |   |
| Connection Plug :  | Input from 175V AC to 275V ACAWG 24-10 Solid 0.2-4 Flexible 0.2-4 |
| Current rating (terminals) :                                 |   |
| Plug secured to socket with 2x M3 screws                     | 20Amp 400V AC   |
| Battery Capacity :   |   |
| Voltage :  | 7.5 AH  |
| Solid Industrial Grade Aluminium Housing                     | 12 DC   |



### TYPICAL APPLICATIONS

Computerised equipment, process controllers, security systems, traffic lights, control systems, telemetry, remote areas with erratic AC mains supply. Also industrial plants where some equipment must run without interruption. It is important to note the unit is ideal for marine use providing backup during change over from shore to on board supply and vice versa.

### DIMENSIONS

UPS : 280mm W x 132mm H x 145mm D  
 BATTERY INC CASE: 163mm W x 132mm H x 145mm D

### WEIGHT

UPS : 6.5Kg  
 BATTERY : 6.5Kg