

DC UPS (12VDC Battery Backup Unit)

Output: 3.5 Amp



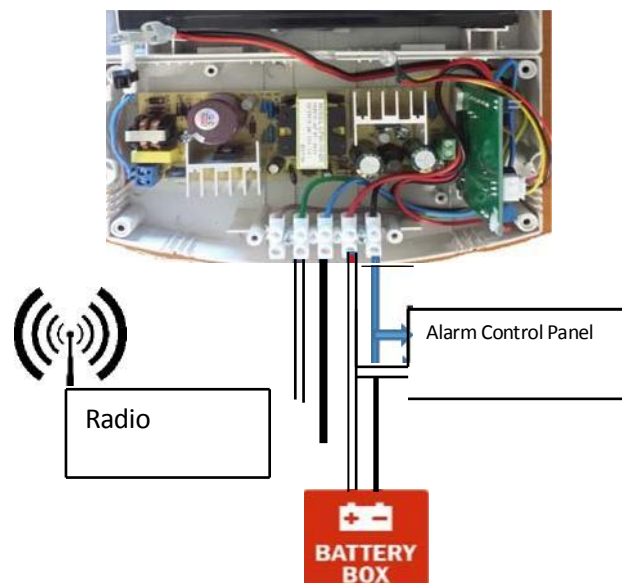
Caution

Read the instructions carefully before installing
Use this equipment only in an indoor application
Mounting, Maintenance and repair must be carried out by a skilled and authorized person
Please make sure mains is off when wiring this unit

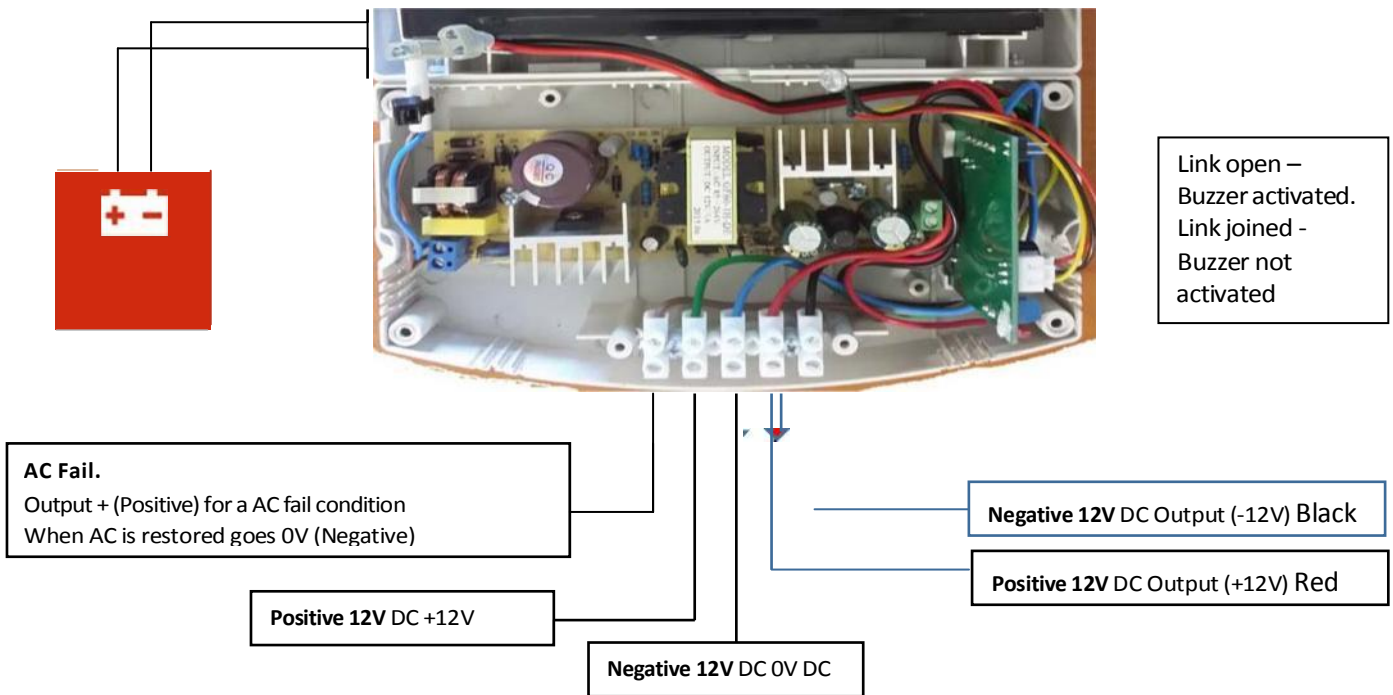
Features

- Cold Start 15A/115Vac, 30A/230Vac
- Overload Protection 115% - 135% of the rated power, Pulsing hiccup shut down, auto recovery
- Overvoltage protection
- Short circuit protection, recovery
- Low power consumption, high reliability
- 100% full load burn-in test
- Audible tone for mains fail that can be enabled or disabled through a link
- AC Failure
- Battery protection circuit build in
- Battery charger is intelligent switch mode charging processed by a PIC processor

Wiring to an Alarm Control Panel and Radio



Wiring diagram



Connecting

- Before connecting the battery, plug the unit into mains.
- Disconnect mains before wiring up the equipment to the unit
- The unit will dissipate a small amount of heat so please ensure that the unit is installed in a place where there is sufficient ventilation.
- This unit must not be installed outside as it is not protected against water.

Operation

Audible Tone				
Power up	Continues beep for 3 seconds			
Power failure	Beeps every 30 seconds			
Battery cut off	30 seconds WARNING Beep before the unit cuts off the battery voltage			
LED Indication	RED	GREEN	BUZZER	For no buzzer
Battery charging	OFF	ON	OFF	Remove link
Battery fully charged	OFF	ON	OFF	Remove link
No Mains, battery voltage ok	FLASHING	OFF	ON	Remove link
No Mains Battery voltage below 10.5V	FLASHING		ON	Remove link

Warranty

- This product carries a one year warranty and is subject to the proper installation procedures and must be installed by a qualified person.

Standards

- Complies with EN55022, EN61000-3-2, 3, EN55024, SANS IEC 60 950