

English



**Installation Instructions -
For Service Persons Only**

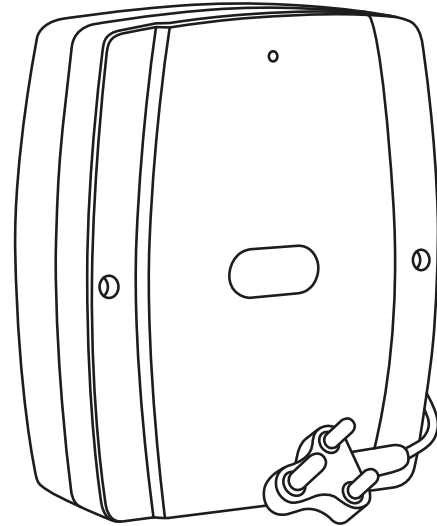
Model No: 6.4AMP

Product Description

The device is an 12V Battery backup Power-supply unit used on various security equipment such as Alarm panels, Access control panels, CCTV, and Panic systems.

Features

- Microprocessor Controlled charging output
- Low battery switch off at 10V DC
- Buzzer tones on battery low and AC Fail
- 6 x Separate 1A Resettable Fuse protected outputs.
- Fuse protection on AC input
- ABS Plastic enclosure.



*Battery not included. Sold separately

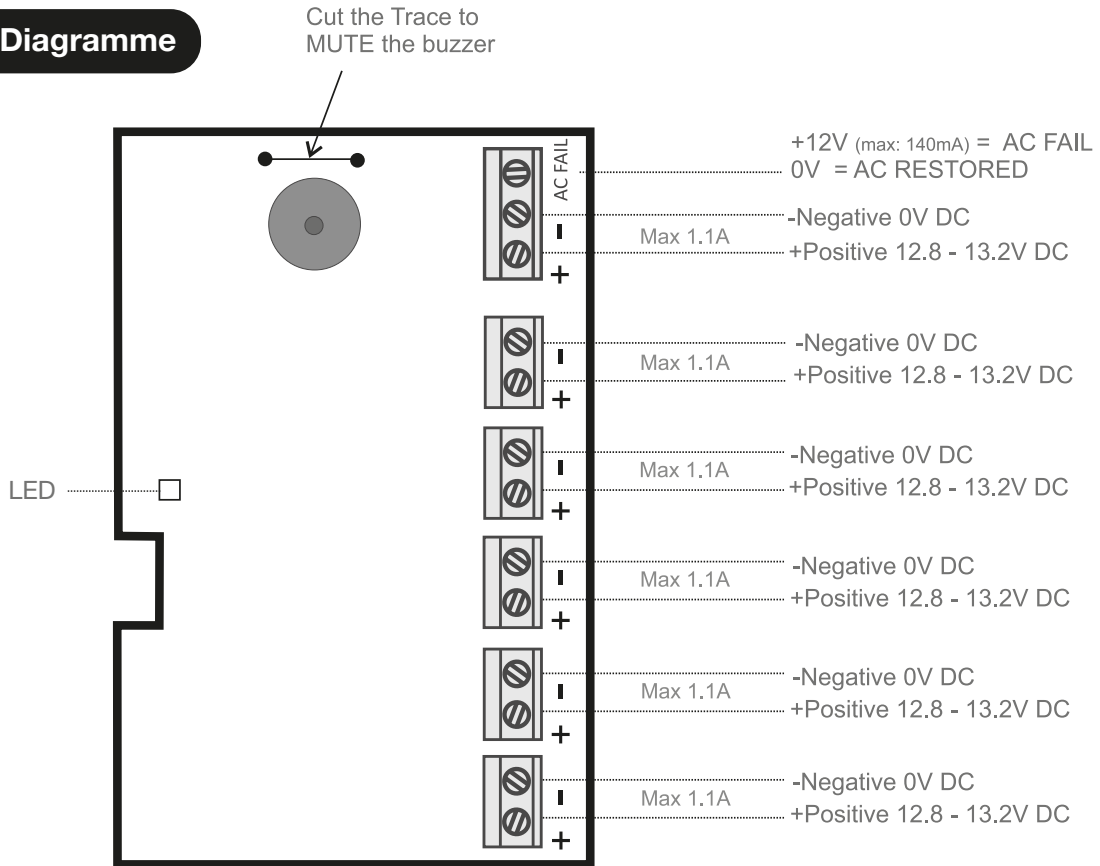
Technical Specifications:

Model:	6.4AMP
Housing colour and material:	White ABS
Input Voltage range:	110V - 240V 50Hz 0.5A
Output Voltage nominal:	13.8 - 14.2VDC
Max Current:	6.4A DC or 70Watts
Operating Temperature:	-3°C to 60°C
Dimension (lxbxh)	315 x 230 x 100mm
Gross weight:	1.30Kg

Warranty

This product is sold subject to our standard warranty conditions and is warrantied against defects in workmanship for a period of 2 years.

Wiring Diagramme



The Battery Charge output is Current limited to approx 3A and is suitable for batteries no bigger than 17 A/H

LED Indication

GREEN	Power is on & the unit is charging the battery
ORANGE	Power failure condition. The battery Voltage is above 12V
RED	Power failure condition. The battery Voltage is below 11.5V and is almost depleted
RED FLASHING	Over Voltage protection. Input is above 15VDC. The Charger is turned off to protect the battery.
OFF	Power failure condition. The battery Voltage reached under 10V & so the unit switched off.

Audible Tones

POWER UP	3 second beep
POWER FAILURE	Beeps ever 30 seconds
BATTERY CUTOFF	30 second WARING Beep before the unit cuts off the battery voltage



NOTE:

Before connecting the battery, plug the unit into mains. Using a voltage meter measure Volts across the Red(+) and Black(-) battery wires to check that the charge voltage is between 13.6V -14.2V D.C.

Disconnect Mains power before wiring up the equipment to the unit.

The unit will create slight internal heat on all components including its battery. Ensure that the unit has adequate ventilation when selecting the installation location.



SAFETY INSTRUCTIONS

- The device is configured for voltages of 110 to 240V AC. It only has to be plugged into a grounded socket.
- The device may only be used in a dry environment, do not expose it to moisture (sprays of water, mist etc.)



DANGER

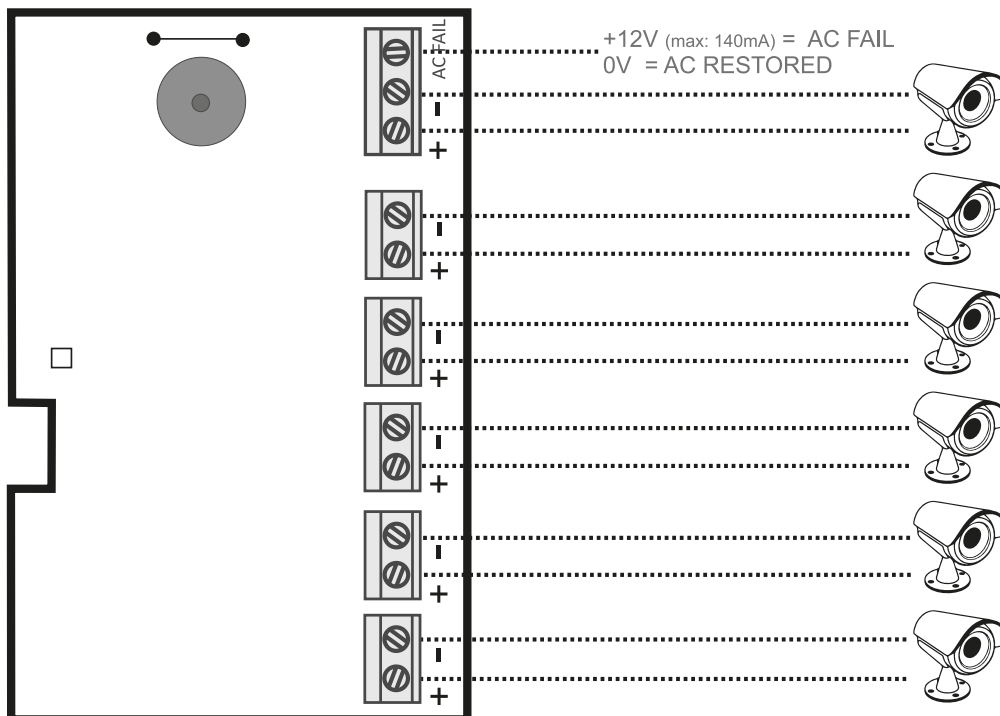
Do not open the device casing while it is powered on.



The device is intended to Charge Lead Acid batteries with a max capacity ampere hour rating of 17 A/H. A bigger battery may result in the unit not operating correctly.

THE SOCKET OUTLET SHOULD BE INSTALLED NEAR THE EQUIPMENT AND SHALL BE EASILY ACCESSIBLE

Wiring up the Power-supply to a CCTV Camera system



Approvals

This product is approved for use in residential, commercial and light Industrial environment and complies with the essential protection requirements of the R& TTE Directive 1999/EC on the approximation of the laws of the member states.

Certifications

EN 55022:2010

EN 55024:2010

EN 6100-3-2:2006+A1:2009 + A2:2009

EN 6100-3-3:2008

IEC 60950-1:2005 + A1:2009

Order Codes

6.4A Unit complete:	6.4AMP
Charger & Low battery PCB only:	PCB_6.4AMP
6.4A Switch mode module:	TK10-75W

