



- ROLLER SHUTTERS
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### BATTERY BACK UP MANUAL

#### INSTALLATION

Remove the input lead from your unit and connect this to the AC 'Input Power'.

Connect one end of the Output Cable provided to a Battery Backed Outlet, and the other to your unit.

#### OPERATION

To switch on, press the 'POWER SWITCH' button on the front of the UPS. The UPS will emit and audible alarm to confirm.

If mains power is present the GREEN LED will be illuminated and the UPS will be providing power in AC mode.

If no mains power is present the RED LED will be illuminated and the UPS will be providing power from its batteries in BATTERY Mode.

When operating in AC Mode the UPS will constantly trickle charge the battery and the YELLOW LED will be illuminated.

If the unit is operating in BATTERY MODE and no load (or a very light load) is connected the UPS will automatically switch off after 1 minute. This is to protect the batteries against deep discharge.

To switch off, press the 'POWER SWITCH' button on the front of the UPS.



#### TROUBLESHOOTING

YELLOW LED	GREEN LED	RED LED	UPS STATUS
ON	OFF	OFF	AC Normal, UPS OFF, Charging Battery
ON	ON	OFF	AC Normal, UPS ON in AC Mode. Charging Battery
OFF	OFF	BLINKING	AC Abnormal, UPS ON In BATTERY Mode
OFF	OFF	ON	Low Battery Voltage (UPS About To Shut Off), UPS Overloaded (Remove Connected Load). Short Circuit (Remove Fault)
OFF	OFF	OFF	UPS Switched Off, Or Auto Switch Off After Discharge.

Buzzer	UPS Status
No Beeps	UPS Normal
Beeps Once Per 5 Seconds	AC Abnormal, UPS In BATTERY Mode
Beeps Twice Every Other Second	Battery Voltage Low
Beeps 4 Times Every 2 Seconds	UPS Overloaded (Remove Connected Load)
Beeps Continuously	UPS Fault/Short Circuit