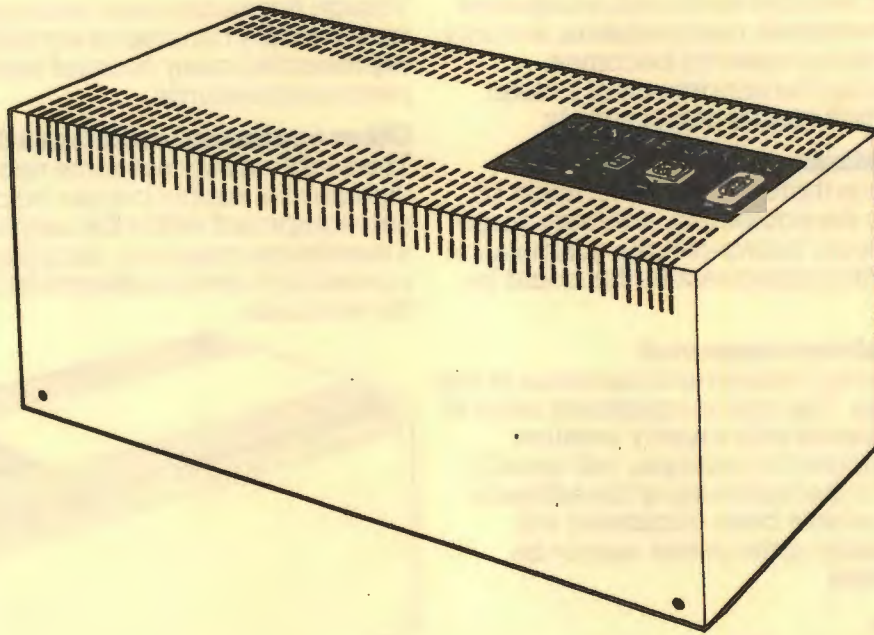


U.P.S. 250 Uninterruptible Power Supply System



Features:

- Electronic line conditioning for constant output voltage regardless of the input voltage variations, transients or interruptions.
- Constant supply of power during micro, mini, and short duration power cuts (15 minutes at full power, much longer with printers etc. switched off).
- Suitable for combinations of equipment of up to approx 1.5 amps.
- User friendly operation.
- Galvanic separation between the mains input and the inverter output.
- Protected against overload.
- Protects against high frequency spikes.
- External on/off switch for the inverter.
- Internal, maintenance free, longlife batteries.
- Cooled by natural convection.
- Silent operation.
- Audible alarm of long duration cuts in the power supply to alert operator and allow sufficient time for data to be transferred to storage medium.
- Visual indication of operating conditions.
- Manufactured to internationally approved standards.
- Fully guaranteed.

Made in Gt Britain



The importance of a reliable power supply

As the use of power sensitive electronic equipment (microcomputers, terminals, cash registers, security and telecommunications systems) becomes widespread, so too has the importance of a clean, reliable, constant, high quality power supply.

Incorrect computations

If during a calculation there is electronic 'noise' on the power supply to the equipment, a voltage surge or dip, a spike or even a 'brown-out', the computation may be incorrect with consequences that could be disastrous.

Power supply not always suspected

These hazards are ever present and can occur at any time without warning. The cost to equipment users is incalculable. Companies with a newly installed system, a microcomputer for example, will usually first suspect a fault in the hardware or the software and only when these have been eliminated will fluctuations in or quality of the power supply be identified as the cause.

There is a solution

Happily there is a simple, effective, reliable, inexpensive and permanent solution to these problems.

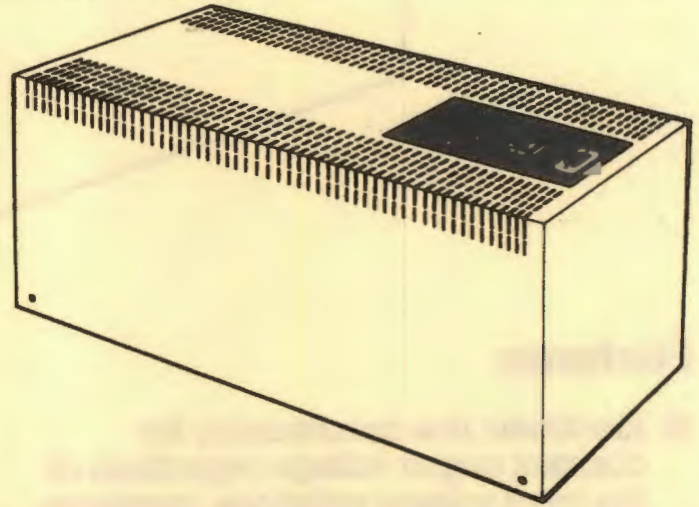
The Glenliffe U.P.S. 250 Power Supply System

Data at risk

Voltage fluctuations and micro or mini breaks in the mains supply can lose or scramble data, often representing many hours of work and sometimes permanent records.

Other equipment sometimes the problem

The problem may not come necessarily from the commercial supply but can be created by the plant and equipment within the user's premises. Even with a mainframe computer carrying its own protection it is possible to have problems on the lines supplying the terminals.



Technical Specifications

Input:	Voltage	240 VAC +10%, -20%, Single Phase
	Frequency	50 Hz, ±10%
	Protection	Fuse 4A
Output:	Voltage	240 VAC, ±5%, Single Phase
	Frequency	50 Hz, ±1%
	Waveform	Sinewave, 5% THD max.
	Power	250 VA
	Powerfactor	0.7
	Protection	2 A electronic current limiting, automatic shut-down for overload, shortcircuit and low battery voltage, reset by inverter ON/OFF switch
Back-up:		Minimum 15 minutes at 250 VA load 25 minutes at 125 VA load
Battery:		Sealed rechargeable maintenance-free lead-acid, 12 Volt, 20 Ahr
Cooling:		Convection

Mechanical Specifications

Connectors:	Mains	To C.E.E. 22/BS 4491 chassis grounded male
	Load	To C.E.E. 22/BS 4491 grounded female
Switch:		ON/OFF switch for inverter
Indicators:	'Charger in operation'	LED Green
	'Inverter in operation'	LED Green
	'Low voltage'	LED Red
	'Overload'	LED Red
Fuse:		To C.E.E. 22/BS 4491 input fuse 4 A
Dimensions:		Width 498 mm, depth 236 mm, height 244 mm
Weight:		24 kg

Environmental Specifications

Operational Temperature	0°C/+40°C
Storage Temperature	-10°C/+30°C

Available from:

S&H Computer Systems Limited

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