

INDUSTRIAL GRADE UPS: UPS 1000

FEATURES

- DIN Rail mountable
- Continuous mains supply back-up (1000VA)
- Separate battery pack for easy replacement
- Hot swappable battery pack
- Aluminium chassis
- Line Interactive

DESCRIPTION

The UPS1000 is designed to provide backup AC power to equipment and assist in avoiding major breakdowns. The UPS1000 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 UPS1000 by means of a plug connector.

The standby battery is automatically charged via the UPS1000 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.



SPECIFICATIONS - AC ELECTRICAL

Supply voltage :	380/440 V AC 50HZ 3 phase
Supply Current :	+ Neutral Approximately
Control Relay Contact Rating :	35mA AC
High Voltage Setting Each Phase :	Single pole 5 Amp 250V AC Resistive
Low Voltage Setting Each Phase :	180V AC (from Phase to Neutral)
Delay before drop-out :	250V AC (from Phase to Neutral)
Delay before auto timer re-set :	800mSec
Controls :	Approximately 3.5 min
Indicators :	External reset button
Terminals Rating :	On and fault indicators on front panel
Lift up Terminals :	30 Amps 500V AC AWG 24-12 Flex 0.2-2.5 Solid 0.2-4
Mounting :	
Housing :	
Temperature :	DIN Rail - EN 50022-35
Protection :	Self Extinguishing Noryl UL V-0 -20°C - 60°C IP40

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