Enduro 1000 VA On-line UPS

Benefits

⊙ 0.9 Power Factor - High efficiency True Online design

⊙ High Density 2RU form factor to minimise rack space usage

⊙ User configurable rear load segment to extend run time of critical loads

⊙ Easy maintenance with front hot-swappable batteries

⊙ Additional EBMs can be added for longer run times

⊙ Rack or Tower convertible, including LCD display

⊙ Cold start function - start up on battery

⊙ 3 Mode intelligent charger to increase battery service life and optimise charging time

⊙ Selectable high efficiency " ECO" mode (97%) for power saving benefits

⊙ Optional Emergency Power Off (EPO) function

⊙ Selectable output voltage

⊙ Generator compatible

⊙ Feature rich LCD display can be configured for rack or tower operation

⊙ Dual standard interfaces include USB and RS-232 with intelligent shutdown software included

⊙ Optional SNMP (network) and Relay cards via rear expansion slot

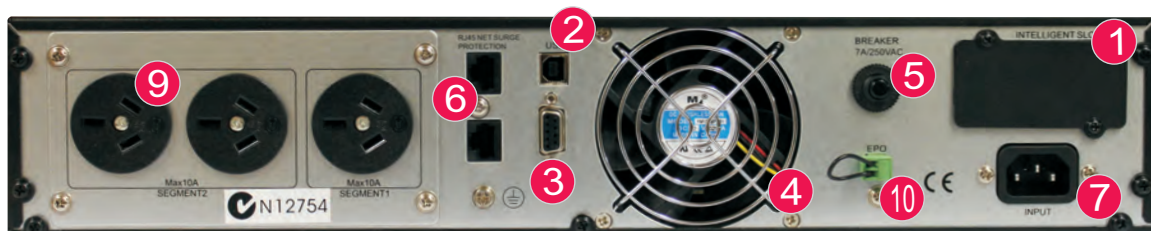| Camera Surveillance	Gates	Telephone Systems	Computer	Servers	Point of Sale	Industrial

Rear Panels

1. Intelligent Slot (SNMP card, Dry contact etc.)

2. USB port

3. RS-232 port

4. FAN

5. Input breaker

6. RJ45 surge protection

7. Input socket / connector

8. High current output socket

9. Output sockets including critical & non-critical load segments

10. EPO header

SPECIFICATIONS

Model	EN 1000
Capacity	1kVA/900W
Input	
Voltage Range	230V +/- 20%
Frequency Range	45Hz - 65Hz
Power Factor	⩾0.98
Breaker	7A
Input Socket	IEC 320 C13-10A
Output	
Voltage Range	230VAC+/-2%
Frequency (battery mode)	50Hz +/- 0.02Hz
Power Factor	0.9
Current Crest Ratio	3:1
THD	⩽3%(Linear Load); ⩽5% (Non-linear load)
Waveform	Pure Sinewave
Output Sockets	3 x AU 3 Pin sockets (2 critical / 1 non-critical)
Efficiency	⩾89% normal mode, up to 97% ECO mode
Overload Capacity	30s at 100-150%; 300ms at >150%
Battery	
Type	Sealed lead acid, maintenance free
Configuration (standard run)	3 x 12V / 7Ah
Rated Battery Voltage	36V
Charge Current (Max)	1A
Recharge Time to 90%	5 Hours
Charge Mode	Intelligent 3-stage charging
Comms & Management	
Software	Windows 95/98/NT/2000/XP/Vista/7, Windows Server 2003/2008 Linux Debian, Redhat, Fedora, Suse, Ubuntu, CentOS, Novell, Mac, FreeBSD
Ports	USB and RS-232 Standard
Optional	SNMP, Relay contact output, AS400 relay contact
LED/LCD Display	Load, Battery, Input, Output, Operating Mode Information
Audible alarm	Battery Mode, Low battery, Overload, Fault
Protection	
Surge protection	2200 Joules / 60,000 Amps
Input protection	Compliance with IEEE 587
Short circuit	Resettable circuit breaker
EMC	EN50091-2, C Tick
Network	RJ45, Full time network protection
Characteristics	
Temperature	0 - 40 ˚C
Humidity	0 - 95% (non-condensing)
Noise Level	<50dB at 1m
Weight	16.2kg
Dimensions (W x D x H)	440 x 430 x 86.5 (2RU)
Options	Additional EBMs, EPO mode, Rail Kit

Battery Runtimes in minutes at average load (longer runtimes available on request)

Model	Standard	+ 1 EBM	+ 2 EBMs	+ 3 EBMs	+ 4 EBMs
EN 1000	11	44	77	110	143

Battery times are approximate and vary depending on the load configuration and battery charge