



## Enduro 2000 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



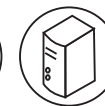
Gates



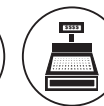
Telephone Systems



Computer



Servers

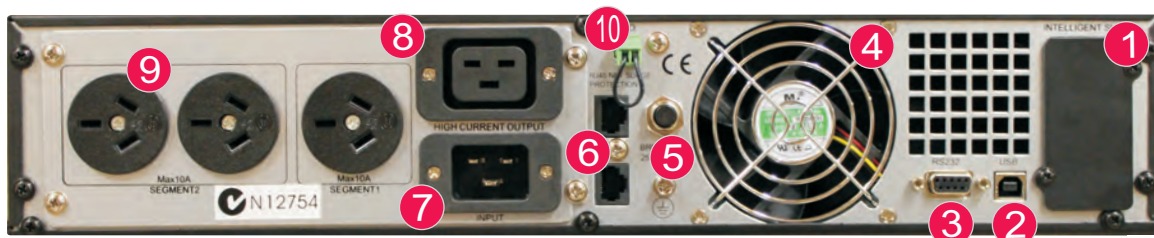


Point of Sale



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

<b>Model</b>	EN 2000
Capacity	2kVA/1800W
<b>Input</b>	
Voltage Range	230V +/- 20%
Frequency Range	45Hz - 65Hz
Power Factor	≥ 0.98
Breaker	10A
Input Socket	IEC 320 C20-16A
<b>Output</b>	
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%
<b>Battery</b>	
Type	Sealed lead acid, maintenance free
Configuration (standard run)	6x 12V / 7Ah
Rated Battery Voltage	72V
Charge Current (Max)	1A
Recharge Time to 90%	5 Hours
Charge Mode	Intelligent 3-stage charging
<b>Comms &amp; Management</b>	
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
<b>Protection</b>	
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
<b>Characteristics</b>	
Temperature	0 - 40 °C
Humidity	0 - 95% (non-condensing)
Noise Level	<50dB at 1m
Weight	28.1kg
Dimensions (W x D x H)	440 x 690 x 86.5 (2RU)
<b>Options</b>	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 2000	11	47	83	119	155

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