



## Enduro 6000 VA On-line UPS

### Benefits

- ⊙ 0.9 Power Factor - High efficiency True Online design
- ⊙ N+1 Parallel Redundancy
- ⊙ 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-485 with intelligent shutdown software included
- ⊙ Optional SNMP (network) and Relay cards via rear expansion slot



Camera Surveillance



Gates



Telephone Systems



Computer



Servers

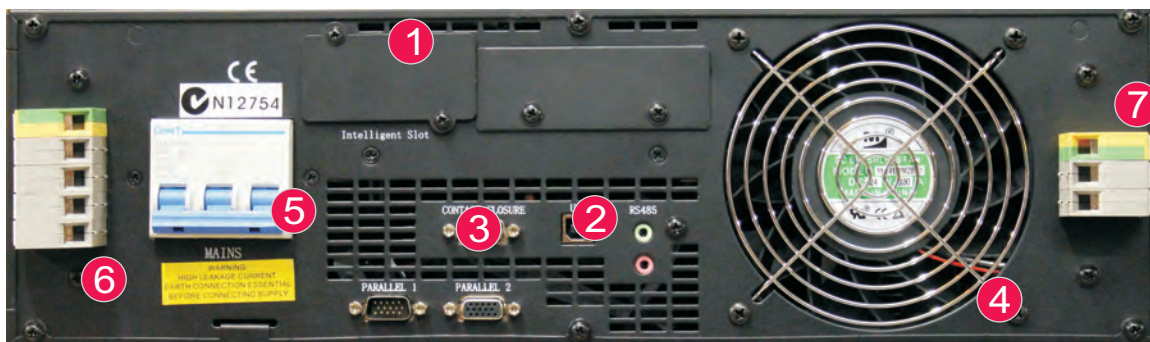


Point of Sale



Industrial

### Rear Panels



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

2. USB port

3. RS-485 port

4. FAN

5. Input breaker

6. Input socket / connector

7. High current output socket

## SPECIFICATIONS

<b>Model</b>	EN 6000
Capacity	6kVA/5400W
<b>Input</b>	
Rated Voltage	220/230/240V or 380/400/415V (Single phase + ground or Three phase + ground)
Voltage Range	208 - 478VAC
Frequency Range	40Hz - 70Hz
Power Factor	≥ 0.98
Breaker	40A
Input Socket	Hardwired (3ph or 1ph)
<b>Output</b>	
Voltage Range	230VAC+/-2%
Frequency ( battery mode)	50Hz +/- 0.2Hz
Power Factor	0.9
Current Crest Ratio	3:1
THD	≤2% (Linear Load); ≤5% (Non-linear load)
Waveform	Pure Sinewave
Output Sockets	Hardwired (1 ph)
Efficiency	≥90% normal mode, ≥97% ECO mode
Overload Capacity -AC mode	Load ≤110% - 3min, ≤125% - 30s, ≤150% - 1s, ≥150% - Shutdown UPS
Overload Capacity - DC mode	Load ≤110% - 30s, ≤125% - 1s, ≤150% - 200ms, ≥150% - Shutdown UPS
<b>Battery</b>	
Type	Sealed lead acid, maintenance free
Configuration (standard run)	20 x 12V / 7Ah
Rated Battery Voltage	240V
Charge Current (Max)	6A
Recharge Time to 90%	8-10 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, RS-485, Parallel ports
Optional	SNMP, Relay contact output, AS400 relay contact
LED/LCD Display	Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault
Audible alarm	AC fail, Battery low, Overload, System 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	55dB at 1m
Weight	79kg
Dimensions (W x D x H)	443 x 580 x 262 (6RU)
<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 6000	15	30	45	60	75

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