



Enduro 10 000 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

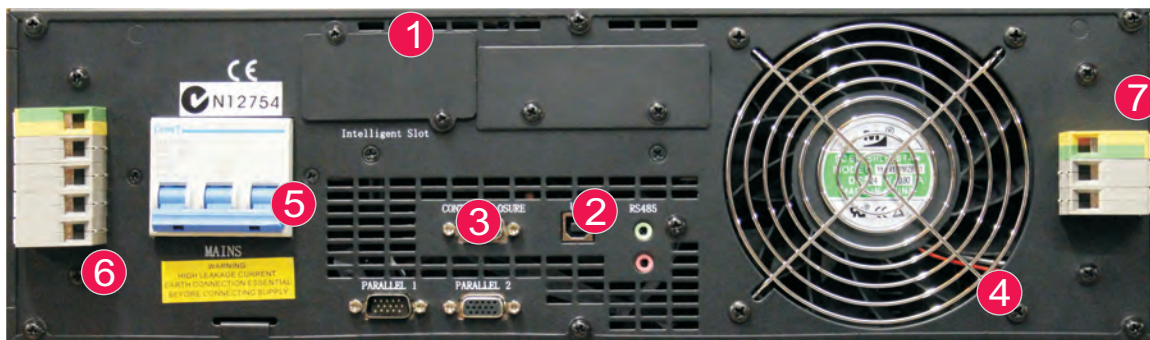


Point of Sale



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

Model	EN 10 000 1/1	EN 10 000 3/1
Capacity	10kVA/9000W	
Input		
Rated Voltage	230V +/- 20%(single phase + ground)	400V +/- 20%(three phase + ground)
Voltage Range	+/- 20%	
Frequency Range	40Hz - 70Hz	
Power Factor	≥ 0.98	
Breaker	40A	
Input Socket	Hardwired	
Output		
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	
Battery		
Type	Sealed lead acid, maintenance free	
Configuration (standard run)	40 x 12V / 7.5Ah	
Rated Battery Voltage	240V	
Charge Current (Max)	6A	
Recharge Time to 90%	8-10 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, 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	
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	55dB at 1m	
Weight	145kg	
Dimensions (W x D x H)	443 x 580 x 339 (9RU)	
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 10 000	20	30	40	50	60

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