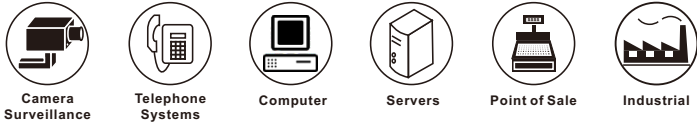


ENDURO

6-10KVA, 1:1 Phase

Pure Sinewave On-Line UPS



The Enduro series is a versatile Pure Sinewave, Online - Double Conversion UPS. Its run time can be adjusted with the use of one or more EBM's (extended battery modules) allowing for longer runtimes on a wide range of loads.

Features

- On-line double conversion
- Rack and tower mount
- Output power factor 1.0, input power factor 0.99
- Longer run time through EBM
- Interactive LCD screen
- Smart management and control software
- Emergency power off function (EPO)
- Generator compatible

Rear Panel



1. Intelligent Slot (SNMP card, dry contact etc.)
2. USB port
3. RS-232 port
4. Input breaker
5. Battery connector
6. EPO

Runtime in minutes

Load VA/W	1KVA/ 1KW	2KVA/ 2KW	3KVA/ 3KW	4KVA/ 4KW	5KVA/ 5KW	6KVA/ 6KW	8KVA/ 8KW	10KVA/ 10KW
EN6000	33	26	17	13	9	7		
EN6000+1EBM	82	58	36	26	20	15		
EN6000+2EBM	121	85	53	39	33	22		
EN6000+3EBM	153	110	68	53	45	30		
EN6000+4EBM	203	142	89	66	58	38		
EN10000	35	28	18	14	10	8	6	4
EN10000+1EBM	87	62	38	28	22	16	10	8
EN10000+2EBM	128	90	56	42	35	24	18	12
EN10000+3EBM	162	116	72	56	48	32	25	20
EN10000+4EBM	214	150	94	70	62	41	32	26

Runtimes are an estimation only.

Specifications

Model	EN 6000	EN 10000
Capacity	6kVA/6000W	10kVA/10000W
Input		
Voltage range	230V +/- 20%	
Frequency range	45Hz - 65Hz	
Phase	Single phase	
Power factor	≥ 0.98	
Breaker	40A/240Vac	63A/240Vac
Input socket	Hardwired (L+N+E)	
Output		
Voltage range	230VAC+/-2%	
Frequency (battery mode)	50Hz +/- 0.1Hz	
Power factor	1.0	
Current crest ratio	3:1	
THD	≤3%(Linear Load); ≤5% (Non-linear load)	
Waveform	Pure sinewave	
Output sockets	Hardwired (L+N+E)	
Efficiency	≥ 89-92% 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)	16x 12V / 9Ah	20x 12V / 9Ah
Charge current (Max)	10A	
Recharge time to 90%	5 Hrs	
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 (trigger voltage free contacts)	
LED/LCD display	Load, battery, input, output, operating	
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	
EPO	Shuts down UPS immediately	
EMC	EN50091-2, C Tick/RCM	
Network	RJ45, fulltime network protection	
Characteristics		
Temperature	0 - 40 °C	
Humidity	0 - 95% (non-condensing)	
Noise level	<50dB at 1m	
Dimensions (WxDxH) /weight	443x580x217 (5RU)/78.3kg	443x580x217(5RU)/78.3kg
Shipping dimensions (WxDxH) /weight	615x765x286mm/90kg	615x765x286mm/90kg
EBM dimensions (WxDxH) /weight	443x580x131mm(3RU)/63kg	443x580x131mm(3RU)/63kg
EBM shipping dimensions (WxDxH) /weight	573x710x265mm/70kg	573x710x265mm/70kg

Specifications are subject to change without prior notice

Communication Accessories

SW006

SNMP card for
ENDURO series III
1-10kVA



SW017

Relay card for
ENDURO series III
6 & 10kVA



Recommended Accessories

RK1000

L Rail -telescopic rail
for rack mounting
UPS (490-720mm)



PSS9LL/LLB9

Long Life batteries -
10-year design life
battery upgrade

10 year design life



N12754