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Sentra 750 - 3000

Line-interactive Sine Wave UPS



- Highly efficient line interactive sine wave UPS with 0.9 output power factor
- Rack/tower convertible design with rotating LCD panel provides compact and flexible form factor
- Advanced Automatic Voltage Regulation (AVR) lengthens battery life
- USB and RS232 interfaces, plus customer definable slot, provide additional communication flexibility
- Hot swappable battery function facilitates ease of maintenance

The Sentra series features a rack/tower convertible design that provides a compact, flexible form factor for many business applications involving critical file servers, network switches, hubs and small computers.

Sentra 750 - 3000 Line-interactive Sine Wave UPS

Models	Sentra 750	Sentra 1000	Sentra 1500	Sentra 2200	Sentra 3000
Input					
Acceptable Voltage Range:	83-159VAC				
Voltage Window:	110/120/127VAC ±25%				
Frequency:	45~65Hz (auto-sensing)				
Phase:	Single phase + ground				
Output					
Voltage Range (VAC) Battery Mode:	110/120/127VAC ±5%				
Frequency:	50/60Hz Auto-sensing				
Capacity:	750VA/750W	1000VA/900W	1500VA/1350W	2100VA/1920W	3000VA/2700W
Wave Form:	Pure Sine Wave				
Transfer Time:	4-6ms typical				
Efficiency:	Line Mode: Up to 95%; Boost/Buck Mode: Up to 94%				
Cold Start:	Yes				
Battery					
Type:	Sealed Lead Acid Maintenance-free				
Capacity:	12V/7AH	12V/7AH	12V/9AH	12V/7AH	12V/9AH
Quantity:	3	3	3	6	6
Voltage:	36V	36V	36V	72V	72V
Autonomy (80% load):	8.5mins	6.8mins	5.1mins	5.0mins	5.1mins
Recharge Time:	5 hours to 90% after complete discharge at 100% load				
Display					
Status on LCD:	Line bypass, AVR Boost(Buck), Backup, Battery Level, Battery Low, Load Level, Battery Fault, UPS Fault				
Status on LED:	Line Mode, Battery Mode & Fault				
Self-diagnostics:	Upon Power On and Software Control				
Protection					
Overload:	Line Mode	>100%-110% buzzer alarms only >110%-120% for 10 min. and then shutdown >120% shutdown after 1 cycle			
	Battery Mode	>100%-120% buzzer alarms only >120%-130% shutdown after 10 sec. >130% shutdown after 1 cycle			
Short Circuit:	Line Mode	Resettable Breaker			
	Battery Mode	Electronic Circuit			
Low Battery:	Alarm and Switch Off				
EPO:	UPS shuts down immediately				
Battery:	Electronic System of Management of Battery Discharge				
Heat Dissipation:	48W	48W	72W	105W	143W



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Alpha Technologies Services, Inc. USA: 3767 Alpha Way, Bellingham, WA 98226 Canada: 7700 Riverfront Gate, Burnaby, BC V5J 5M4
Toll Free North America: +1 800 322 5742 Outside US: +1 360 647 2360 Technical Support: +1 800 863 3364
For more information visit www.alpha.com

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Sentra 750 - 3000 Line-interactive Sine Wave UPS

Models	Sentra 750	Sentra 1000	Sentra 1500	Sentra 2200	Sentra 3000
Alarms					
Acoustics & Display:	Mains Fault, Low Battery, Overload and Fault conditions				
Mechanical					
Dimensions:	88H x 440W x 412D mm			88H x 440W x 657D mm	
	3.5H x 17.3W x 16.2D inches			3.5H x 17.3W x 25.9D inches	
Input Connectors:	10' Line cord with 5-15P			10' Line cord with 5-20P	10' Line cord with L5-30P
Output Connectors:	(8) NEMA 5-15R			(6) NEMA 5-15R (2) NEMA 5-20R	(5) NEMA 5-15R (2) NEMA 5-20R (1) NEMA L5-30R
Net Weight:	19.7kg (43lbs)	19.7kg (43lbs)	21.1kg (47lbs)	34.6kg (76lbs)	38.2kg (84lbs)
Environment					
Operating Temperature:	0 to 40°C (30 to 104°F)				
Altitude:	0-2000M up to 40°C (104°F); 0~3000M up to 35°C (95°F)				
Humidity:	90% RH Maximum, No Condensing				
Noise:	Line Mode: 40 dB Max; Bat. Mode: 45 dB Max.				
Computer Interface					
Interface Type:	Standard RS232 and USB				
Communication Slot:	Dry Contact Card or SNMP card				
Compatible Platforms:	Windows 95/98/NT/2000/XP/Vista/Win7, Novell Netware, Linux, Mac				
Agency Compliance					
Quality:	ISO 9001 certified manufacturing				
Standard:	UL 1778 and CSA C22.2 107.3				
EMC:	FCC Class A				
Marking:	UL, cUL				



Alpha Sentra Tower Configuration



Alpha Sentra Rack Configuration



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