



Sentra 750 - 3000

Line-interactive Sine Wave UPS



Your Power Solutions Partner

- 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



Alpha Sentra Rack Configuration



Alpha Sentra Tower Configuration

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.


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Power

Sentra Series

Models	Sentra 750	Sentra 1000	Sentra 1500	Sentra 2200	Sentra 3000
Input					
Acceptable Voltage Range	83-159Vac or 160-300Vac				
Voltage Window	110/120/127Vac or 220/230/240Vac +/-25%				
Frequency	45-65Hz (auto-sensing)				
Phase	Single phase + ground				
Output					
Voltage Range (Vac) Battery Mode	110/120/127Vac or 220/230/240Vac +/-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

Alarms						
Acoustics & display	Mains Fault, Low Battery, Overload and Fault conditions					
Mechanical						
Dimensions	mm	88H x 440W x 412D			88H x 440W x 657D	
	inches	3.5H x 17.3W x 16.2D			3.5H x 17.3W x 25.9D	
Input Connectors	120Vac	NEMA5-15P			NEMA 5-20P	NEMA L5-30P
	230Vac	IEC-320-C14			IEC-320-C20	
Output Connectors	120Vac	(8) NEMA 5-15R			(6) NEMA 5-15R (2) NEMA 5-20R	(5) NEMA 5-15R (2) NEMA 5-20R (1) NEMA L5-30R
	230Vac	(8) IEC-320-C13			(8) IEC-320-C13, (1) IEC-320-C19	
Net Weight	120Vac	19.7kg (43lbs)	19.7kg (43lbs)	21.1kg (47lbs)	34.6kg (76lbs)	38.2kg (84lbs)
	230Vac	15kg (33lbs)	19.4kg (43lbs)	20.9kg (46lbs)	33.8kg (75lbs)	37.2kg (82lbs)
Environment						
Operating Temperature	0 to 40°C (30 to 104°F)					
Warning Temperature	The battery design life is based on a temperature of 25°C (77°F)					
	Ambient temperature above this range will affect battery life					
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					
Security	EN62040-1-1, UL1778					
Standard EMC	EN62040-2, EN61000-3-2, FCC Class A					
Marking	CE, UL, cUL, FCC					