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Sentra XL

Line-interactive Sine Wave UPS Series



- Highly efficient line interactive sine wave UPS with 0.9 output power factor
- Optional external battery cabinets with “daisy-chainable” connections and dependable high rate charger provide extended backup
- Rack/tower convertible design with rotating LCD panel provides compact and flexible form factor
- Advanced Automatic Voltage Regulation (AVR) lengthens battery life
- Hot swappable battery function facilitates maintenance
- USB and RS232 interfaces, plus customer definable slot, provide additional communication flexibility

The Sentra XL series, with extendable backup time capability, provides a compact, flexible form factor for many business applications involving critical file servers, network switches, hubs and small computers.

Sentra XL Series Line-interactive Sine Wave UPS Series

Models	Sentra XL 1000	Sentra XL 1500	Sentra XL 2200	Sentra XL 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 Battery Mode:	110/120/127VAC ±5%			
Frequency:	50/60Hz Auto-sensing			
Capacity:	1000VA/900W	1500VA/1350W	2200VA/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/9AH	12V/7AH	12V/9AH
Quantity:	4	4	8	8
Voltage:	24V	24V	48V	48V
Autonomy (80% load):	8.6 mins	7.1 mins	7.9 mins	7.3 mins
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		
Battery Low:	Alarm and Switch Off			
EPO:	UPS shuts down immediately			
Battery:	Electronic System of Management of Battery Discharge			
Heat Dissipation:	96W	108W	192W	216W



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Sentra XL Series Line-interactive Sine Wave UPS Series

Models	Sentra XL 1000	Sentra XL 1500	Sentra XL 2200	Sentra XL 3000
Alarms				
Acoustics & Display:	Mains Fault, Low Battery, Overload and Fault conditions			
Mechanical				
Dimensions:	88H x 440W x 491D mm		88H x 440W x 701D mm	
	3.5H x 17.3W x 19.3D inches		3.5H x 17.3W x 27.6D inches	
Input Connectors:	5' Line cord with NEMA 5-15P		5' Line cord with NEMA 5-20P	5' Line cord with NEMA L5-30P
Output Connectors:	(6) NEMA 5-15R		(4) NEMA 5-15R, (2) NEMA 5-20R	(4) NEMA 5-15R, (2) NEMA 5-20R, (1) NEMA L5-30R
Net Weight:	25kgs (51lbs)	27.8kgs (61lbs)	41.8kgs (92lbs)	47.8kgs (105lbs)
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				
Type:	Standard RS232 and USB			
Slots:	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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