



ALPHA
OUTBACK
ENERGY

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 and optimal runtime
- Rack / tower convertible design with rotating LCD / LED panel enabling easy integration
- Advanced Automatic Voltage Regulation (AVR) lengthens battery life
- Hot swappable battery allows replacement without interruption
- 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

Technical Data

Model	Sentra XL 1000	Sentra XL 1500	Sentra XL 2200	Sentra XL 3000
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Input

Acceptable Voltage Range	0 ~ 340 Vac			
Voltage Window	220 / 230 / 240 VAC +/- 25 %			
Frequency	45 ~ 65 Hz (auto-sensing)			
Phase	single phase + ground			

Output

Voltage Range Battery Mode	220 / 230 / 240 VAC +/- 5 %			
Frequency	50/60 Hz (auto sensing)			
Capacity	1000 VA / 900 W	1500 VA / 1350 W	2200 VA / 1980 W	3000 VA / 2700 W
Wave Form	pure sine wave			
Transfer Time	4-6ms			
Efficiency	up to 95 %			
Cold Start	yes			

Battery

Type	sealed lead acid maintenance free			
Capacity	12 V / 7 AH	12 V / 9 AH	12 V / 7 AH	12 V / 9 AH
Quantity	4	4	8	8
Voltage	24 V	24 V	48 V	48 V
Autonomy (full load)	min. 5 minutes (full load)			
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 one cycle			
	Battery Mode	> 100 % – 120 % buzzer alarms only > 120 % – 130 % for 10 min. and then shutdown > 130 % shutdown after one cycle			
Short circuit	Line Mode	resettable circuit breaker			
	Battery Mode	electronic fuse			
Low Battery		Alarm and automatic stop			
EPO		Shutdown immediately			
Battery		Electronic System of Management of Battery Discharge			
Heat Dissipation		96 W	108 W	192 W	216 W

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Alarms				
Acoustics & Display	Mains Fault, Low Battery, Overload and Fault conditions			
Mechanical				
Dimensions	88 H x 440 W x 491 D		88 H x 440 W x 701 D	
Input Connectors	IEC-320-C14		IEC-320-C20	
Output Connectors	IEC-320-C13		IEC-320-C13, (1) IEC-320-C19	
Net Weight	25 kg	27,8 kg	42 kg	46,2 kg
Environment				
Operating Temperature	0 to 40 °C			
Kritische Temperatur	The battery design life is based on a temperature of 25°C, ambient temperature above this range will affect battery life			
Altitude	0–2000 meter up to 40 °C; 0–3000 meter up tp 35 °C			
Humidity	90% max., No-Condensing			
Noise	Line Mode: 40 dB max; Battery Mode: 45 dB max.			
Computer Interface				
Type	Standard RS232 and USB			
Slots	Relay card / SNMP card			
Compatible Platforms	Windows NT / 2000 / XP / Vista / Win7 / Win 10, Novell Netware, Linux, MAC			
Agency Compliance				
Quality	ISO 9001			
Security	EN62040-1-1			
Performance	EN62040-3			
Standard EMC	EN62040-2, EN61000-3-2			
Marking	CE, FCC Class A			

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