

Models	Sentra XL			
Input	1000	Sentra XL 1500	Sentra XL 2200	Sentra XL 3000
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				
Battery Mode	110/120/127Vac or 220/230/240Vac +/-5%			
Frequency	50/60Hz Auto-sensing			
Capacity	1000VA/900W 1500VA/1350W 2100VA/1920W3000VA/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)	8.6mins	7.1mins	7.9mins	7.3mins
Recharge Time	5 hours to 90% after complete discharge at 100% load			
Display				
	Line bypass, AVR Boost(Buck), Backup, Battery Level, Battery Low, Load			
Status on LCD	Level, Battery Fault, UPS Fault			
Status on LED	Line Mode, Battery Mode, and Fault			
Self-Diagnostics	Upon Power On and Software Control			
Protection	>100%-110% buzzer alarms only >110%-120% for 10 min. and then shutdown			
Overload: Line Mode	>120% shutdown after 1 cycle >100%-120% buzzer alarms only			
Overload: Battery Mode	>120%-130% shutdown after 10 sec. >130% shutdown after 1 cycle			
Short Circuit: Line Mode	Resettable Breaker			
Short Circuit: 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	96W	108W	192W	216W
Alarms				
Acoustics and Display	Mains Fault, Low Battery, Overload and Fault Conditions			
Computer Interface				
Interface Type	Standard RS232 and USB			
Communication Slots	Dry Contact Card or SNMP card			
Compatible Platforms	Windows 95/98/NT/2000/XP/Vista/Win7, Novell Netware, Linux, Mac			
Mechanical				
Dimensions	88H x 440W x 491D (mm)		88H x 440W x x 701D (mm)	
	3.5H x 17.3W x 19.3D (inch)		3.5H x 17.3W x 27.6D (inch)	
Input Connectors:				
120Vac	NEMA5-15P		NEMA 5-20P	NEMA L5-30P
Input Connectors:				
230Vac	IEC-320-C14		IEC-320-C20	
Output Connectors:			(6) NEMA 5-15R	
			(2) NEMA 5-20R	(5) NEMA 5-15R
120Vac	(8) NEMA 5-15R		20R	(2) NEMA 5-20R
Output Connectors:				
230Vac	(8) IEC-320-C13		(8) IEC-320-C13, (1) IEC-320-C19	
Net Weight (120Vac)	25kgs (51lbs)	27.8kgs (61lbs)	41.8kgs (92lbs)	47.8kgs (105lbs)
Net Weight (230Vac)	25kgs (51lbs)	27.8kgs (61lbs)	42kgs (93lbs)	46.2kgs (102lbs)
Environmental				
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)			
Altitude	Ambient temperature above this range will affect battery life			
Humidity	0-2000M up to 40°C (104°F); 0~3000M up to 35°C (95°F)			
Noise	90% RH Maximum, No Condensing			
	Line Mode: 40 dB Max; Bat. Mode: 45 dB Max.			
Agency Compliance				
Quality	ISO 9001 certified manufacturing			
Security	EN62040-1-1, UL1778			
Performance	EN62040-3			
Standard EMC	EN62040-2, EN61000-3-2, FCC Class A			
Marking	CE, UL, cUL, FCC			