

SPN- Series

500VA~1500VA

- Line-interactive design
- Fully digitized microprocessor control
- Auto Voltage Regulation - AVR
- Pure sine wave output
- High frequency design with high inverter efficiency
- Energy saving function (UPS sleep mode)
- Cold start function (DC power on)
- Lightning and surge protection
- Short circuit and overload protection
- Overcharge and discharge protection
- Tel/Modem spike protection
- EMI/RFI noise filter
- Advanced Battery Management (ABM technology)
- Hot-swappable battery replacement by users
- Automatic charge when UPS is off
- Automatic restart while AC recovery
- Extended backup time by adding external battery packs
- Power status LED display
- History record of power failure events
- Smart power management software
- Scheduled shutdown and reboot
- Smart RS-232/USB communication port
- Optional SNMP management capability



PCE[®]
UPS SYSTEMS

**YOUR ULTIMATE
POWER PROTECTION PARTNER**

SPN Tower Model Series		SPN-500	SPN-750	SPN-1k	SPN-1500
Output power		500VA 300W	750VA 500W	1000VA 600W	1500VA 870W
Input	Nominal Input Voltage	162V - 290V, 1Ø2Wires (adjustable to 150V/294 via UPS software driver)			
	Frequency	50 or 60 Hz, +/- 10% auto sensing			
Output	Voltage (on battery)	Pure sinewave at 220V +/- 1% , 1Ø2Wires (adjustable to 220V,230V, or 240V via software driver)			
	Frequency (on battery)	50 or 60 Hz, +/- 0.1%			
	Automatic voltage regulation	Booster / Fader			
Protection & Filtering	Spike protection	320 Joules, 2ms			
	Unit input	Fuse for models < 1250VA, breaker for models > 1500VA			
	EMI/RFI filter	10dB at 0.15MHz, 50dB at 30 MHz			
	Overload protection	UPS automatic shutdown if overload exceeds 110% of nominal at 5 min and 120% at 10 cycles			
	Transfer time	2 milliseconds (typical), including detection timer			
	Short circuit	UPS output cut off immediately using input fuse (or breaker) protection			
	1Ø Base-T Cable port	yes			
System Display	LED Indications	4 LEDs status display with power-off, on battery, overload and service indicator			
Battery	Type	Hot-swappable, sealed, maintenance-free lead acid, with 3-5 years lifetime			
	DC Voltage	12VDC		24VDC	
	Typical recharge time	6 hours (up to 90% of full capacity)			
	Protection	Automatic self-test & discharge protection, replace battery indicator			
	Back Up Time (min)	12-25			
Communication	USB	Detect Battery Low, schedule UPS On/Off, AC input/output power status display			
	SNMP (optional)	Monitoring capabilities in SNMP based networks			
	Compatibility	Novell, SNMP, Windows 95/98/ME/2000/XP/2003			
Physical	Input inlet	IEC 320 power inlet			
	Receptacles	4 IEC C13	6 IEC C13	8 IEC C13	
	Dimensions WxDxH mm (inches)	96 x 325 x 240.5 (3.77" x 12.7" x 9.45")		86 x 328 x 400 (3.37" x 12.8" x 15.7")	
	Net Weight kg (lb)	5.26 (11.57)	6.22 (13.68)	8.62 (18.9)	10.36 (22.79)
	Environment	Ambient operation	3500 meters max. elevation, 0-95% humidity non-condensing, 0-48		
Audible noise		<40dBA (1 meter from surface) for units < then 1000 VA			
		<45dBA (1 meter from surface) for units > then 1000 VA			
Storage conditions	15,000 meters max. elevation				
Standards & Certifications	Safety	EN 50091-1-1/EN 60950 (RD), IEC 60950			
	Electromagnetic compatibility	EN 50091-2, EN 50022/B, IEC 62040-2, IEC 6100-3-2, IEC 6100-3-3			
	Design, production & services	ISO 9001			
	Environment	ISO 14001 certified factory			
	Marking & Certifications	CE, TUV, GC-Mark			

SPN 500VA/750VA



SPN 1000VA/1500VA



LFSP500-1500ENQ109

