



SPH KING 5kVA ÷ 20kVA

The UPS SPH KING series protects your data by continuously supplying network-grade power regardless of the input power condition. Innovative high frequency double conversion SPH KING technology implies low noise and high power availability.

- Microprocessor control
- IGBT inverter
- Input power factor > 0.95
- Efficiency > 92%
- ON LINE/OFF LINE working settable
- Static switch and manual maintenance by-pass
- RS 232 interface and dry contacts
- SNMP interface provided with software (on request)
- Battery test
- Remote panel (on request)

Model	SPH5	SPH6	SPH8	SPH10	SPH125	SPH15	SPH20	
Rated power p.f. = 0.7	5kVA	6kVA	8kVA	10kVA	12.5kVA	15kVA	20kVA	
Topology	Double conversion with static and manual by-pass							
Input	Voltage 400V -25% +15%							
	Frequency 45 - 65Hz							
	Power factor > 0.95							
Output	Voltage 220/230/240V							
	Frequency 50Hz or 60Hz ±0,1%							
	Static stability ±2%							
	Dynamic stability ±5%							
	THD < 1.5%							
	Overload 110% for 10 minutes, 125% for 30 seconds							
	Crest factor 3:1							
	Waveform Sinusoidal							
	Back up time (minutes)	10	10	10	10	15	10	10
	Type	Sealed lead acid maintenance free						
Recharge time	IU (DIN 41773)							
Efficiency AC/AC	92%							
Heat dissipation at nominal load (W)	350	400	500	600	700	800	900	
Audible noise dBA	50				55			
Interfaces	RS 232 and dry contacts (standard) SNMP, USB (optional)							
Measures	Input voltage, input frequency, output voltage, output frequency, emergency line voltage, emergency line frequency, battery voltage, output current, load %, battery %.							
LED indicators	Line ok, by-pass, inverter, load level, battery level, test battery, off-line/on-line mode, local/remote, fault							
Relative humidity (%)	Max 95%							
Environment temperature	0-40°C							
Dimensions cm (W x D x H)	20x70x70			2x (20x70x70)	20x70x70 40x70x70		40x80x120	
Weight (kgs)	90kg	95kg	100kg	150kg	190kg	200kg	220kg	