

# TECHNICAL Data



Product: Sentinel Power Green

Mounting: Tower

Topology: Online

Rating: 6000 – 20000VA

Phase: 1:1 or 3:1

MODELS:	SPM 6	SPH 8	SPH 10	SPH 10 ER	SPH 15	SPH 20	SPH 20 ER
<b>POWER</b>	6000VA/ 5400W	8000VA/ 6400W	10000VA/ 9000W	10000VA/ 9000W	15000VA/ 13500W	20000VA/ 18000W	20000VA/ 18000W
<b>INPUT</b>							
Nominal voltage	220-230-240 Vac 1 ph	220-230-240 Vac 1 ph / 380-400-415 Vac 3 ph + N					
Minimum voltage without battery intervention	176 Vac @ 100% load / 110 Vac @ 50% load						
Maximum operating voltage	276 Vac						
Nominal frequency	50/60 Hz ±10 Hz						
<b>BYPASS</b>							
Voltage tolerance	160 – 276 Vac (selectable in Economy Mode or Smart Active Mode)						
Frequency tolerance	Selected frequency ±10%						
Overload times	125% for 1 min, 150% for 10 seconds						
<b>OUTPUT</b>							
Nominal Voltage	220-230-240 Vac selectable						
Voltage distortion	< 2% with linear load / < 5% with non-linear load						
Current distortion	3%						
Frequency	50/60 Hz selectable or with automatic selection						
Static variation	± 1.5 %						
Dynamic variation	≤ 5% in 20 ms						
Waveform	Sinusoidal						
Crest factor	≤ 3 : 1						
<b>BATTERIES</b>							
Type	VRLA						
<b>OTHER FEATURES</b>							
Net weight (kg)	63	78	84	28	146	157	48
Dimensions (WxDxH) (mm)	262 x 654 x 708				350 x 731 x 818		
Smart Active efficiency	Up to 98%						
Protections	Overcurrent – short-circuit – overvoltage – undervoltage – temperature – excessive low battery						
Communications	USB / RS232 + slot for communications interface						
Parallel	Max. 2 units in parallel with optional kit						
Input plugs	Terminal block						
Output sockets	Terminal block + 2 IEC 320 C13						
Standards	EN 62040-1 EMC EN 62040-2 Directives 2006/95/EC – 2004/108 EC EN 62040-3						
Operating temperature	0 °C / +40 °C (Excludes Batteries)						
Relative humidity	< 95% non-condensing						
Colour	Dark grey RAL 7016						
Noise level at 1 m (ECO Mode)	< 40 dBA						
Moving the UPS	Castors						

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Specification subject to change without notice.