

TECHNICAL Data



Product: Sentinel Power

Mounting: Tower

Topology: Online

Rating: 5000 – 10000VA

Phase: 1:1 or 3:1

MODELS:	SPW 5000	SPW 6000	SPT 6500	SPT 8000	SPT 10000
POWER	5000VA/4000 W	6000VA/4800 W	6500VA/5200 W	8000VA/6400 W	10000VA/8000 W
INPUT					
Nominal voltage	220-230-240 Vac single-phase		220-230-240 Vac single-phase or 380-400-415 Vac three-phase =N		
Minimum voltage without battery intervention	170 Vac @ 100% load / 140 Vac @ 50% load				
Nominal frequency	50 / 60 Hz ±5 Hz				
BYPASS					
Voltage tolerance	180 – 264 Vac (selectable in Economy Mode or Smart Active Mode)				
Frequency tolerance	Selected frequency ±5%				
Overload times	125% for 4 seconds, 150% for 0.5 seconds				
OUTPUT					
Nominal Voltage	220 – 230 – 240 Vac selectable				
Voltage distortion	< 3% with linear load / <6% with non-linear load				
Frequency	50/60 Hz selectable with automatic selection				
Static variation	±1.5 %				
Dynamic variation	≤ 5% in 20 ms				
Waveform	Sinusoidal				
Crest factor	≥ 3 : 1				
BATTERIES					
Type	VRLA				
OTHER FEATURES					
Net weight (kg)	91	92	105	106	
Dimensions (WxDxH) (mm)	282 x 785 x 615				
Smart Active efficiency	Up to 98%				
Protections	Overcurrent – short-circuit – overvoltage – undervoltage – temperature – excessive low battery				
Communications	USB / RS32 + slot for communications interface				
Input plugs	Terminal board				
Output sockets	Terminal board + 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)	< 45 dBA				
Moving the UPS	Castors				

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Specification subject to change without notice.