

TECHNICAL Data



Product: Sentinel Dual (HighPower)

Mounting: Tower / Rack

Topology: Online

Rating: 3300 – 10000VA

Phase: 1:1

MODELS:	SDL 3300	SDL 4000	SDL 5000	SDL 6000	SDL 8000	SDL 10000
POWER	3300 VA/2300W	4000 VA/2400W	5000 VA/4500W	6000 VA/5400W	8000 VA/7200W	10000 VA/9000W
INPUT						
Nominal voltage	220-230-240 Vac					
Minimum voltage	184 Vac					
Nominal frequency	50/60 Hz ±5Hz					
Power factor	> 0.98					
Current distortion	≤7%					
BYPASS						
Voltage tolerance	18 - 264 Vac (selectable in Economy Mode or Smart Active Mode)					
Frequency tolerance	Selected frequency ≤5% (selectable by user)					
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					
Static variation	1.5%					
Dynamic variation	≤ 5% in 20 ms					
Waveform	Sinusoidal					
Crest factor	3 : 1					
BATTERIES						
Type	VRLA					
OTHER FEATURES						
Net weight (kg)	38	40	62	64	94	95
Dimensions (WxDxH) (mm)	175 x 520 x 455 tower 19" x 520 x 4U rack		175 x 660 x 455 tower 19" x 660 x 4U rack		2 x (175 x 660 x 455) tower 2 x (19" x 660 x 4U) rack	
Efficiency Line-interactive/Smart Active	98%					
Protections	Overcurrent – short-circuit – overvoltage – undervoltage – temperature – excessive low battery					
Communications	USB / RS232 + slot for communications interface					
Input plugs	1 IEC 320 C20			Terminal block		
Output sockets	2 IEC 320 C13 + 1 IEC 320 C20			Terminal board + 2 IEC 320 C13		
Standards	EN 62040-1 EMC EN 62040-2 Directives 73/23 – 93/68 – 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			< 45 dBA		
Standard equipment provided	2 10 A cables; 1 IEC – 16 A plug; software; serial cable; keys for releasing display panel; handles kit			2 cable guides; cable tips; software; serial cable; keys for releasing display panel; handles kit		

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Specification subject to change without notice.