TECHNICAL Data

Product: Sentinel Dual (HighPower)

Topology: Online

Mounting: Tower / Rack

Rating: 6500 – 10000VA

Phase: 3:1

MODELS:	SDL 6500 TM	SDL 8000 TM	SDL 10000 TM
POWER	6500 VA/5850 W	8000 VA/7200 W	10000 VA/9000 W
INPUT			
Nominal voltage	400 Vac three-phase + N		
Minimum voltage (F + N)	164 Vac @ 100% load / 84 Vac @ 50% load		
Nominal frequency	50/60 Hz ± 5 Hz		
Power factor	> 0.95		
BYPASS			
Voltage tolerance	180 – 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)	91	94	95
Dimensions (WxDxH) (mm)	2 x (175 x 660 x 455) tower / 2 x (19” x 660 x 4U) rack		
Smart Active efficiency	Up to 98%		
Protections	Overcurrent – short-circuit – overvoltage – undervoltage – temperature – excessive low battery		
Communications	USB / RS232 = slot for communications interface		
Input plugs	Terminal block		
Output sockets	Terminal board + 2 IEC 320 C13		
Standards	EN 62040-1 EMC EN 62040-2 Directives 73/23 – 93/68 – 2004/108 EC EM 62040-3		
Operating temperature	0 ºC / +40 ºC (Excludes Batteries)		
Relative humidity	, 95% non-condensing		
Colour	Dark grey RAL 7016		
Noise level at 1 m (ECO Mode)	< 45 dBA		
Standard equipment provided	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.