

Sentinel RT 100-240 V 1ph

SDH 1000 RT



INPUT	
Rated power	1000 V VA
Voltage	100-110-115-120-127 V
Voltage tolerance	80 V <Vin <150 V @ 100% Load
Frequency	60 Hz
Frequency tolerance	60 Hz ± 5%
Power factor	> 0.98
Current distortion	≤6%

BY PASS	
Voltage tolerance	85 - 140 V
Frequency tolerance	Frequency selected (from ±0 Hz to ±5 Hz configurable)
Number phases	1

OUTPUT and INVERTER OUTPUT	
Rated power	1000 VA
Active power	1000 W
Number phases	1
Crest factor (Ipeak/Irms)	3:1
Waveform	Sinewave
Frequency	Can be selected: 60 Hz or self-learning
Voltage distortion with non-linear load	≤4%
Voltage distortion with linear load	≤2%

OVERLOAD TIMES	
100% < Load < 110%	1 minutes
125% = Load < 150%	4 seconds
Load > 150%	0.5 sec.

BATTERIES	
Type	VRLA AGM lead, maintenance-free
Typical recharge time	2-4 h

ENVIRONMENTAL	
Altitude max	6000 m
Color	Black
Communication	USB / DB9 with RS232 and contacts / Slot for communication interface
Safety compliance	UL1778:2014 and CSA C22.2 No. 107.3-14
EMC compliance	CFR 47 FCC Part 15, Subpart B, Class A 2016
Accessories provided	Power cable, serial cable, USB cable, safety manual, quick start, software downloadable
Protection rating	IP20
Surge capability	300 joule
Marks	cTUVus
Line-Interactive/Smart Active efficiency	98%
Noise	<40 dB(A) at 3.3 ft / 1 m
Operating temperature	32-104 °F / 0-40 °C
Relative humidity	<95% without condensation

DATA	
Weight	17 kg
Dimensions (h w d)	450x87x425/87(2U)x450x425 mm