

# Sentinel Dual (Low Power) SDH 3000 ER



INPUT	
Rated power	3000 VA
Voltage	220 / 230 / 240 V
Voltage tolerance	230 V $\pm$ 20%
Frequency	50 / 60 Hz $\pm$ 5
Frequency tolerance	50 Hz $\pm$ 5% / 60 Hz $\pm$ 5%
Power factor	>0.98
Current distortion	$\leq$ 7%

BY PASS	
Voltage tolerance	200 / 253 V
Frequency tolerance	Frequency selected (from $\pm$ 0.5 Hz to $\pm$ 5 Hz configurable)

OUTPUT and INVERTER OUTPUT	
Rated power	3000 VA
Active power	2400 W
Crest factor (I <sub>peak</sub> /I <sub>rms</sub> )	3 : 1
Waveform	Sinusoidal
Frequency	Selectable: 50 Hz or 60 Hz or self-learning
Voltage distortion with non-linear load	$\leq$ 3.5%
Voltage distortion with linear load	<2%

OVERLOAD TIMES	
Load = 150%	0.5 sec
Load = 125%	4 sec.

BATTERIES	
Type	VRLA AGM maintenance-free lead based
Typical recharge time	2-4 h
Maximum recharge current	6 A

ENVIRONMENTAL	
Color	Black
Communication	USB / DB9 with RS232 and contacts / Slot for communications interface
Accessories provided	Power cable, serial cable, USB cable, safety manual, quick start guide
Surge capability	300 J
Line-Interactive/Smart Active efficiency	98%
Noise (at 1 m)	<40 [bBA] (ECO Mode)
Operating temperature	0 °C - +40 °C
Relative humidity	5-95% non-condensing
Standards	European directives: L V 2014/35/EU low voltage; EMC 2014/30/EU electromagnetic compatibility -- Directive and Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant -- Classification in accordance with IEC 62040-3 VFI - SS - 111

DATA	
Weight	15 kg
Dimensions (h w d)	(T- 450x87x625) (R- 2Ux19"x625) mm