

Sentinel Dual SDU

SDU 10000 DI ER



INPUT	
Dual Input	yes
Rated power	10000 VA
Voltage	220-230-240 Vac
Voltage tolerance	140 Vac < Vin < 276 Vac @50% LOAD / 184 Vac < Vin < 276 Vac @ 100% LOAD
Frequency	50/60 Hz \pm 5 Hz
Frequency tolerance	50 Hz \pm 20% / 60 Hz \pm 20%
Power factor	>0.98
Current distortion	_5%

BY PASS	
Voltage tolerance	180÷264 Vac (selectable in Economy Mode and SMART ACTIVE Mode)
Frequency tolerance	Selected frequency \pm 5% (user configurable)
Number phases	1

OUTPUT and INVERTER OUTPUT	
Rated power	10000 VA
Active power	10000 W
Crest factor (I _{peak} /I _{rms})	3 : 1
Waveform	Sinewave
Frequency	50/60 Hz selectable
Voltage distortion with distorting load	<3%
Voltage distortion with linear load	<1%
Inverter efficiency at rated load	95% %

OVERLOAD TIMES	
100% < Load < 110%	activates the bypass after 10 min Continues to work on by-pass
110% < Load < 133%	activates the bypass after 1 min shut down after 1 hour
133% < Load < 150%	activates the bypass after 5 s shut down after 10 min
Load > 150%	activates the bypass instantaneously shutdown after 3 s (load > 150%) shutdown after 2 s (load > 200%)

BATTERIES	
Type	VRLA AGM lead, maintenance-free
Typical recharge time	4÷6 h

OPTIONS	
Parallel kit (to order with the UPS)	Yes

ENVIRONMENTAL	
Altitude max	1000 m at nominal power (-1% power for every 100 m above 1000 m) 4000 m maximum
Color	Black RAL 9005
Communication	USB / DB9 with RS232 and contacts / Slot for communication interface
Safety compliance	EN 62040-1:2008; EN 62040-1/EC:2009; EN 62040-1/A1:2013 and Directive 2014/35/EU
EMC conformance	EN 62040-2 and Directive 2014/30/EU
Accessories provided	USB cable; handles kit
Protection rating	IP 20
Surge capability	1 VDR x 300 Joules
Marks	CE
Protections	Overload - short-circuit - overvoltage - undervoltage - temperature - low battery
AC/AC efficiency	95%

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Line-Interactive/Smart Active efficiency	98%
Noise (at 1 m)	<48 dBA
Operating temperature	0 ÷ 40 °C
Relative humidity	5 - 95% no condensing
Output sockets	Terminal block + 2 IEC 320 C13 + 3 IEC 320 C20

DATA	
Weight	23 kg
Dimensions (h w d)	(448 x 131 x 640) tower - (3U x 19" x 640) rack mm
Input phases	1
Output phases	1