

Multi Sentry

# MST 100

INPUT	
Rated power	100000 VA
Voltage	400 Vac three-phase + N Vac
Voltage tolerance	± 20%
Frequency tolerance	40/72 Hz
Power factor	0.99
BY PASS	
Rated voltage	400
Voltage tolerance	± 15% (selectable from ± 5% to ± 25%)
Rated frequency	50/60 Hz
Frequency tolerance	± 5% (selectable from ± 0.25% to ± 10%)
Number phases	3
OUTPUT and INVERTER OUTPUT	
Rated power	100000 VA
Active power	90000 W
Number phases	3
Output current	145 A
Crest factor (I <sub>peak</sub> /I <sub>rms</sub> )	3 : 1
Waveform	Sinewave
Static stability	± 1%
Dynamic stability	± 3% in 10 ms
Frequency	50/60 Hz selectable
Voltage distortion with distorting load	3%
Voltage distortion with linear load	1%
Overload	125% 150% 168% of the rated current for 10' / 1' / 5
BATTERIES	
Type	Maintenance-free sealed lead acid
Typical recharge time	6 h
ENVIRONMENTAL	
Colour	Dark grey RAL 7016
Remote controls	EPO and bypass
Communication	Double RS232/C, slot for SNMP adapter and slot for voltage free contacts.
Safety compliance	EN 62040-1
EMC conformance	EN 62040-2 Lev.A and Directive 73/23 EEC, 93/68 EEC, 89/336 EEC
Protection rating	3
AC/AC efficiency	>95%
Line-Interactive/Smart Active efficiency	>98%
Noise	<56 dBA at 1 m
Remote signals	voltage free contacts
Operating temperature	0 - 40 °C
Relative humidity	95% no condensing
DATA	
Weight	220 Kg
Dimensions (h w d)	1600x500x850 mm
Back up time	0 min