

INPUT	
Voltage	380 / 400 / 415 V three-phase + N
Voltage tolerance	400 ± 20% at full load (for wider tolerances additional conditions apply)
Frequency tolerance	40 - 72 Hz
Power factor	≥0.99

BY PASS	
Rated voltage	380 / 400 / 415 V three-phase + N
Voltage tolerance	From 180 V (adjustable 180-200 V) to 264 V (adjustable 250-264 V) referred to neutral (Ph-N)
Rated frequency	50 / 60 Hz
Frequency tolerance	± 5% (selectable from 0.25% to 10%)
Number phases	3 + N

OUTPUT and INVERTER OUTPUT	
Rated power	20000 VA
Active power	18000 W
Power according with EN 50171	20000 VA / 18000 W
Number phases	3 + N
Output Voltage	380 / 400 / 415 three-phase + N
Crest factor (I _{peak} /I _{rms})	3 : 1
Waveform	Sinewave
Static stability	± 1%
Dynamic stability	EN 62040-3 Performance class 1 with non-linear load
Frequency	50 / 60 Hz (selectable)
Voltage distortion with non-linear load	≤3%
Voltage distortion with linear load	≤1%

BATTERIES	
Type	VRLA - 10 YEARS expected lifespan
Type of charging	One level, two levels, cyclic charging (selectable)

ENVIRONMENTAL	
Color	Anthracite gray RAL 7016
Communication	Led status - Graphic display - 2 slots for communication interface - USB - RS232 - 8 relay outputs - 4 optically isolated inputs
Protection rating	IP20
Line-Interactive/Smart Active efficiency	≥99%
Noise (at 1 m)	≤50 dBA
Remote signals	Voltage free contacts
Operating temperature	0 ÷ 40 °C
Relative humidity	90% no condensing

DATA	
Weight	135 kg
Dimensions (h w d)	1320x440x850 mm