

INPUT	
Voltage	380 / 400 / 415 V three-phase + N
Voltage tolerance	400 ±20% @ full load (for wider tolerance 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) to 264 V (adjustable 250-264) referring to neutral (Ph-N)
Rated frequency	50 or 60 Hz
Frequency tolerance	±5% (selectable)
Number phases	3 + N

OUTPUT and INVERTER OUTPUT	
Rated power	20000 VA
Active power	20000 W
Power according with EN 50171	16000 VA / W
Rated voltage	380 / 400 / 415 V three-phase + N
Number phases	3 + N
Crest factor (I <sub>peak</sub> /I <sub>rms</sub> )	3 : 1
Waveform	Sinusoidal
Static stability	±0.5%
Dynamic stability	EN 62040-3 class performance 1 distorting load
Frequency	50 or 60 Hz (selectable)
Voltage distortion with non-linear load	≤1.5%
Voltage distortion with linear load	<1%

BATTERIES	
Type	VRLA - 10 YEARS expected lifespan
Type of charging	One-level, Two-level, Cyclical recharge (ajustable)

ENVIRONMENTAL	
Color	RAL 7016 Anthracite grey
Communication	Status led – Color graphic touch screen display - 2 communication interface slots – USB - RS232 - 4 relay outputs - 5 opto-isolated input
Protection rating	IP20
Line-Interactive/Smart Active efficiency	Up to 99%
Noise (at 1 m)	<40 [dBA ±2] (SMART ACTIVE)
Remote signals	voltage free contacts
Operating temperature	0 °C - +40 °C
Relative humidity	5-95% non-condensing
Standards	EN 50171 - 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	107 kg
Dimensions (h w d)	1320x440x840 mm