

INPUT	
Rated power	60000 VA
Voltage	380 / 400 / 415 V three-phase + N
Voltage tolerance	400 V $\pm 20\%$ @ 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
Rated frequency	50 or 60 Hz (selectable)
Frequency tolerance	$\pm 5\%$ (selectable)
Number phases	3 + N

OUTPUT and INVERTER OUTPUT	
Rated power	60000 VA
Active power	54000 W
Number phases	3 + N
Crest factor (I <sub>peak</sub> /I <sub>rms</sub> )	3 : 1
Static stability	$\pm 1\%$
Dynamic stability	$\pm 3\%$
Frequency	50 or 60 Hz
Voltage distortion with non-linear load	$\leq 3\%$
Voltage distortion with linear load	$\leq 1\%$

BATTERIES	
Type	VRLA AGM/GEL/NiCd/Li-ion/Supercaps
Typical recharge time	6 h

ENVIRONMENTAL	
Color	Dark grey RAL 7016
Communication	3 slots for communications interface / USB / RS232
Protection rating	IP20
Line-Interactive/Smart Active efficiency	Up to 99%
Noise (at 1 m)	<63 [dBA $\pm 2$ ] (SMART ACTIVE)
Remote signals	voltage free contacts
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	190 kg
Dimensions (h w d)	1600x500x830 mm