

INPUT	
Voltage	220 / 230 / 240 V single-phase + N
Voltage tolerance	230 V $\pm 20\%$ at full load (for wider tolerances additional conditions apply)
Frequency tolerance	40 - 72 Hz
Power factor	≥ 0.99

BY PASS	
Rated voltage	220 / 230 / 240 V single-phase + N
Voltage tolerance	180 - 264 V (selectable)
Rated frequency	50 / 60 Hz
Frequency tolerance	$\pm 5\%$ (selectable)
Number phases	1 + N

OUTPUT and INVERTER OUTPUT	
Rated power	3000 VA
Active power	3000 W
Power according with EN 50171	2500 VA / W
Output voltage	220 / 230 / 240 V single-phase + N
Crest factor (I _{peak} /I _{rms})	3 : 1
Waveform	Sinusoidal
Frequency	50 / 60 Hz (selectable)
Voltage distortion with non-linear load	$\leq 3\%$
Voltage distortion with linear load	$\leq 1\%$

BATTERIES	
Type	VRLA - 10 YEARS expected lifespan
Built-in battery	No
Maximum recharge current	6 A

ENVIRONMENTAL	
Color	Black RAL 9005
Communication	LCD display / slot for communication interface / USB / REPO / 1 programmable input / 4 output relays
Accessories provided	USB cable
Surge capability	1 VDR x 300 J
Protections	Overcurrent - short circuit - overvoltage - undervoltage - temperature - excessive low battery
Noise (at 1 m)	<48 dBA
Operating temperature	0 °C - +40 °C
Relative humidity	5-95% non-condensing
Output sockets	Terminal block + 2 IEC 320 C13
Standards	EN50171 - 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	24 kg
Dimensions (h w d)	500x250x698 mm