

| INPUT               |   |
|---------------------|---|
| Voltage             | 380 / 400 / 415 V three-phase + N or 220 / 230 / 240 V single-phase + N   |
| Voltage tolerance   | 230 / 400 V $\pm 20\%$ @ full load (for wider tolerance conditions apply) |
| Frequency tolerance | 40 - 72 Hz  |
| Power factor        | $\geq 0.99$   |

| BY PASS             |   |
|---------------------|---|
| Rated voltage       | 220 / 230 / 240 V single-phase + N                            |
| Voltage tolerance   | From 180 V (adjustable 180-200) to 264 V (adjustable 250-264) |
| Rated frequency     | 50 or 60 Hz   |
| Frequency tolerance | $\pm 5\%$ (selectable)  |
| Number phases       | 1 + N   |

| OUTPUT and INVERTER OUTPUT                          |  |
|---|--|
| Rated power   | 15000 VA                                       |
| Active power  | 15000 W  |
| Power according with EN 50171                       | 12000 VA / W                                   |
| Rated voltage                                       | 220 / 230 / 240 V single-phase + N             |
| Number phases                                       | 1 + N  |
| Crest factor (I <sub>peak</sub> /I <sub>rms</sub> ) | 3 : 1  |
| Waveform  | Sinusoidal                                     |
| Static stability                                    | $\pm 0.5\%$                                    |
| Dynamic stability                                   | EN 62040-3 class performance 1 non-linear load |
| Frequency   | 50 or 60 Hz (selectable)                       |
| Voltage distortion with non-linear load             | $\leq 1.5\%$                                   |
| Voltage distortion with linear load                 | $< 1\%$  |

| BATTERIES        |  |
|------------------|--|
| Type             | VRLA - 10 YEARS expected lifespan                  |
| Type of charging | One level, Two level, Cyclic recharge (selectable) |

| 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 $\pm 2$ ] (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             | 105 kg          |
| Dimensions (h w d) | 1320x440x840 mm |