

| INPUT               |                        |
|---------------------|------------------------|
| Voltage             | 400 V Three-Phase      |
| Voltage tolerance   | ±20%                   |
| Frequency           | 50 or 60 Hz            |
| Frequency tolerance | 45 ÷ 65 Hz             |
| Power factor        | ≥0.95                  |
| Current distortion  | ≤10%                   |
| Soft start          | 0 ÷ 120 s configurable |

| BY PASS              |                               |
|----------------------|-------------------------------|
| Rated voltage        | 230 Single-Phase plus neutral |
| Voltage tolerance    | ±15% (±10 ÷ ±25 configurable) |
| Rated frequency      | 50 or 60 Hz                   |
| Frequency tolerance  | ±2% (±1 ÷ ±6 configurable)    |
| Number phases        | 1                             |
| Back-feed protection | Yes                           |

| OUTPUT and INVERTER OUTPUT                          |                                                     |
|-----------------------------------------------------|-----------------------------------------------------|
| Rated power                                         | 30000 VA                                            |
| Active power                                        | 24000 W                                             |
| Number phases                                       | 1                                                   |
| Crest factor (I <sub>peak</sub> /I <sub>rms</sub> ) | 3:1                                                 |
| Waveform                                            | Sinewave                                            |
| Static stability                                    | ±1%                                                 |
| Dynamic stability                                   | ±5%                                                 |
| Frequency                                           | 50 or 60 Hz (configurable)                          |
| Voltage distortion with non-linear load             | ≤3%                                                 |
| Voltage distortion with linear load                 | ≤2%                                                 |
| Frequency stability                                 | ±0.05%                                              |
| Overload                                            | 110% for 60 min.; 125% for 10 min.; 150% for 1 min. |

| BATTERIES |                      |
|-----------|----------------------|
| Type      | VRLA AGM / GEL; NiCd |

| ENVIRONMENTAL         |                                                                                                                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color                 | Light grey RAL 7035                                                                                                                                                                                                                                |
| Communication         | UPS status LEDs - Graphic display - 2 slots for communications interface - 2x RS232                                                                                                                                                                |
| Protection rating     | IP20                                                                                                                                                                                                                                               |
| Cooling (type)        | Forced by internal redundant fans (Front to top)                                                                                                                                                                                                   |
| AC/AC efficiency      | Up to 89%                                                                                                                                                                                                                                          |
| Noise (at 1 m)        | 67 dB                                                                                                                                                                                                                                              |
| Operating temperature | 0 ÷ 40 °C                                                                                                                                                                                                                                          |
| Relative humidity     | 5-95% non-condensing                                                                                                                                                                                                                               |
| Standards             | European directives: LVD 2014/35/EU low voltage; EMC 2014/30/EU electromagnetic compatibility -- Directive and Standards: Safety EN IEC 62040-1; EMC EN IEC 62040-2; RoHS compliant -- Classification in accordance with EN IEC 62040-3 VFI-SS-111 |

| DATA               |                 |
|--------------------|-----------------|
| Weight             | 620 kg          |
| Dimensions (h w d) | 1900x800x800 mm |