| INPUT |  |
| :--- | :--- |
| Rated power | 250000 VA |
| Voltage | $380 / 400 / 415 \mathrm{~V}$ three-phase |
| Voltage tolerance | $400 \mathrm{~V} \pm 20 \%$ @ full load |
| Frequency | $40-70 \mathrm{~Hz}$ |
| Power factor | 0.99 |
| Current distorsion | $<3 \%$ |
| Soft start | $0-100 \%$ in 120 sec. (selectable) |


| BY PASS |  |
| :--- | :--- |
| Rated voltage | $380 / 400 / 415$ V three-phase +N |
| Voltage tolerance | $\pm 20 \%$ (selectable from $\pm 5 \%$ to $\pm 25 \%$ ) |
| Rated frequency | 50 or 60 Hz (selectable) |
| Frequency tolerance | $\pm 2 \%$ (selectable from $\pm 1 \%$ to $\pm 5 \%$ ) |
| Rated current | 361 A |
| Back-feed protection | yes |
| Overload capacity Inx10ms | 15 |


| OUTPUT and INVERTER OUTPUT |  |
| :--- | :--- |
| Rated power | 250000 VA |
| Active power | 250000 W |
| Output Voltage | $380 / 400 / 415$ V three-phase +N (selectable) |
| Waveform | Sinewave |
| Static stability | $\pm 1 \%$ |
| Dynamic stability | $\pm 5 \%$ in 10 msec. |
| Frequency | 50 or 60 Hz (selectable) |
| Voltage distortion with non-linear load | $<3 \%$ |
| Voltage distortion with linear load | $<1 \%$ |
| Overload | $110 \%$ for $60 \mathrm{~min} . ; 125 \%$ for $2 \mathrm{~min} . ; 150 \%$ for 20 sec. |
| Short-circuit current | 2.5 In for $100 \mathrm{msec},+2.0$ In for 900 msec. |
| AC Voltage Regulation: Battery Mode | $\pm 1 \%$ |
| Frequency Range: Synchronized | $\pm 2 \%$ selectable |

## RECTIFIER OUTPUT

Ripple
0

| BATTERIES |  |
| :--- | :--- |
| Type | VRLA AGM $/ \mathrm{GEL}$, NiCd, Supercaps, Li-ion, Flywheels |
| Maximum recharge current | $-0.11 \% \times V \times{ }^{\circ} \mathrm{C}$ |


| ENVIRONMENTAL |  |
| :--- | :--- |
| Color | Dark grey RAL 7016 |
| Remote controls | EPO, bypass battery charge block (configurable) |
| Communication | USB + Dry contacts + 2 slots for communications interface |
| Safety compliance | EN 62040-1:2008; EN 62040-1/EC:2009; EN 62040-1/A1:2013 |
| EMC compliance | EN 62040-2:2006 |
| Protection rating | IP20 (other on request) |
| Cooling (type) | Forced air via speed controlled internal fans |
| AC/AC efficiency | up to 97\% (ON LINE Mode) |
| Line-Interactive/Smart Active efficiency | up to $99 \%$ |
| Noise (at 1 m) | 63 [dBA] (50\% load), 70 [dBA] (100\% load) |
| Operating temperature | $0^{\circ} \mathrm{C}-+40^{\circ} \mathrm{C}$ |
| Relative humidity | $5-95 \%$ non-condensing |
| DATA |  |
| Weight | 634 kg |
| Dimensions (h w d) | $1900 \times 800 \times 850 \mathrm{~mm}$ |

