## **MPT 200**



| INPUT               |   |
|---------------------|---|
| Voltage             | 380 / 400 / 415 V three-phase                     |
| Frequency           | 45 - 65 Hz  |
| Frequency tolerance | ±2% (selectable from ±1% to ±5% from front panel) |
| Soft start          | 0 - 100% in 120 sec. (selectable)                 |
| Voltage Range       | 400 V +20% - 25%                                  |

| BY PASS         |                                   |
|-----------------|-----------------------------------|
| Rated voltage   | 380 / 400 / 415 V three-phase + N |
| Rated frequency | 50 or 60 Hz (selectable)          |

| OUTPUT and INVERTER OUTPUT                  |   |
|---|---|
| Rated power                                 | 200000 VA   |
| Active power                                | 180000 W  |
| Output Voltage                              | 380 / 400 / 415 V three-phase + N (selectable)      |
| Crest factor (Ipeak/Irms)                   | 3:1   |
| Static stability                            | ±1%   |
| Dynamic stability                           | ±5% in 10 ms  |
| Frequency                                   | 50 or 60 Hz (selectable)                            |
| Voltage distortion with non-<br>linear load | <3%   |
| Voltage distortion with linear load         | <1%   |
| Frequency stability                         | 0.05%   |
| Overload                                    | 110% for 60 min.; 125% for 10 min.; 150% for 1 min. |

| BATTERIES |  |
|-----------|--|
| Type      | VRLA AGM / GEL; NiCd; Supercaps; Li-ion; Flywheels |

| ENVIRONMENTAL                               |   |
|---|---|
| Color                                       | Dark grey RAL 7016  |
| Communication                               | Double RS232 + dry contacts + 2 slots for communications interface  |
| Protection rating                           | IP20  |
| Line-Interactive/Smart<br>Active efficiency | Up to 98%   |
| Noise (at 1 m)                              | 68 [dBA] (ECO Mode)   |
| 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             | 800 kg          |
| Dimensions (h w d) | 1900x800x800 mm |