

| INPUT               |                         |
|---------------------|-------------------------|
| Rated power         | 600000 VA               |
| Voltage             | 400 Vac three-phase Vac |
| Voltage tolerance   | + 20% - 25%             |
| Frequency           | 50/60 Hz with autorange |
| Frequency tolerance | 45/65 Hz                |
| Power factor        | 0,99                    |
| Input current       | 842 A                   |
| Current distortion  | <3%                     |
| Soft start          | 0-100% in 10            |

| BY PASS                   |   |
|---------------------------|---|
| Rated voltage             | 400 Vac three-phase selectable 380 and 415              |
| Voltage tolerance         | ± 15% (selectable from ± 10% to ± 25% from front panel) |
| Rated frequency           | 50/60 Hz (autorange)                                    |
| Frequency tolerance       | ± 2% (selectable from ± 1% to ± 5% from front panel)    |
| Rated current             | 842 A   |
| Number phases             | 3   |
| Back-feed protection      | yes   |
| Overload capacity Inx10ms | 25  |

| OUTPUT and INVERTER OUTPUT                          |   |
|---|---|
| Rated power   | 600000 VA   |
| Active power  | 540000 W  |
| Number phases                                       | 3 + N   |
| Crest factor (I <sub>peak</sub> /I <sub>rms</sub> ) | 3 : 1   |
| Waveform  | Sinewave  |
| Dynamic stability                                   | ± 5% in 5 ms  |
| Frequency   | same as the input (autorange)   |
| Voltage distortion with distorting load             | <3%   |
| Voltage distortion with linear load                 | <1%   |
| Frequency stability                                 | ± 0,05% on mains failure ± 2% (selectable from ± 1% to ± 5% from front panel) with mains supply present |
| Inverter efficiency at rated load                   | 95 %  |
| Overload  | 125% 150% 200% of the rated current for 10' / 1' / 7  |

| RECTIFIER OUTPUT |     |
|------------------|-----|
| Ripple           | <1% |

| BATTERIES                |                                   |
|--------------------------|-----------------------------------|
| Type                     | Maintenance-free sealed lead-acid |
| Maximum recharge current | 0.2xC10                           |

| ENVIRONMENTAL                            |   |
|--|---|
| Altitude max                             | 1000 m  |
| Color                                    | Dark grey RAL 7035                                      |
| Remote controls                          | EPO and bypass  |
| Safety compliance                        | EN 62040-1  |
| EMC conformance                          | EN 62040-2 Directives 73/23-93/68-89/336 EEC EN 62040-3 |
| Protection rating                        | 3   |
| Line-Interactive/Smart Active efficiency | up to 98,5%   |

Master HP  
MHT 600



|                       |   |
|-----------------------|---|
| Noise                 | 72 dBA at 1 m   |
| Remote signals        | voltage free contacts (mains power failure, UPS on bypass, end of discharge pre-alarm, output 12Vdc 80mA) |
| Operating temperature | 0 ÷ 40 °C   |
| Relative humidity     | 95% no condensing   |

| DATA               |                   |
|--------------------|-------------------|
| Weight             | 2700 Kg           |
| Dimensions (h w d) | 1900x2100x1000 mm |