







| MODELS  | MTS 100   | MTS 150      | MTS 200          | MTS 250      | MTS 300      | MTS 400      | MTS 600             | MTS 800              |  |
|---|---|--------------|------------------|--------------|--------------|--------------|---------------------|----------------------|--|
| <b>NOMINAL CURRENT</b>                        | <b>100 A</b>  | <b>150 A</b> | <b>200 A</b>     | <b>250 A</b> | <b>300 A</b> | <b>400 A</b> | <b>600 A</b>        | <b>800 A</b>         |  |
| <b>INPUT</b>                                  |   |              |                  |              |              |              |                     |                      |  |
| Nominal voltage - sources S1/S2               | 380 - 400 - 415 Vac three-phase + N   |              |                  |              |              |              |                     |                      |  |
| Voltage tolerance                             | 180 - 264 Vac (selectable)  |              |                  |              |              |              |                     |                      |  |
| Switched input phases                         | 3+N (4-pole) - 3 (3-pole)   |              |                  |              |              |              |                     |                      |  |
| Nominal frequency                             | 50/60 Hz  |              |                  |              |              |              |                     |                      |  |
| Input frequency tolerance range               | +/-10% (selectable)   |              |                  |              |              |              |                     |                      |  |
| Distribution compatibility                    | IT, TT, TNS, TNC  |              |                  |              |              |              |                     |                      |  |
| <b>OPERATING SPECIFICATIONS</b>               |   |              |                  |              |              |              |                     |                      |  |
| Transfer type                                 | "Break Before Make" (no overlapping sources)                                  |              |                  |              |              |              |                     |                      |  |
| Available transfer methods                    | Automatic / Manual / Remote   |              |                  |              |              |              |                     |                      |  |
| Transfer time following source failure        | < 4 msec (S1/S2 synchronised)<br>10 msec (S1/S2 non synchronised)             |              |                  |              |              |              |                     |                      |  |
| <b>ENVIRONMENTAL SPECIFICATIONS</b>           |   |              |                  |              |              |              |                     |                      |  |
| Efficiency at full load                       | > 99%   |              |                  |              |              |              |                     |                      |  |
| Noise at 1 m from front (from 0 to full load) | 55 dBA  | 55 dBA       | 55 dBA           | 55 dBA       | 55 dBA       | 55 dBA       | < 60 dBA            | < 62 dBA             |  |
| Storage temperature                           | -10 °C up to +50 °C   |              |                  |              |              |              |                     |                      |  |
| Operating temperature                         | 0 °C - 40 °C  |              |                  |              |              |              |                     |                      |  |
| Relative humidity                             | 90% non-condensing  |              |                  |              |              |              |                     |                      |  |
| Max. installation height                      | 1000 m at nominal power (-1% power for every 100 m above 1000 m) - Max 4000 m |              |                  |              |              |              |                     |                      |  |
| Reference standard                            | EN 62310-1 (safety) EN 62310-2 (electro-magnetic compatibility)               |              |                  |              |              |              |                     |                      |  |
| <b>INFO FOR INSTALLATION</b>                  |   |              |                  |              |              |              |                     |                      |  |
| Weight (kg) 3 pole Type                       | 145   | 165          | 195              | 205          | 230          | 240          | 365                 | 515                  |  |
| Weight (kg) 4 pole Type                       | 175   | 190          | 205              | 235          | 240          | 255          | 375                 | 560                  |  |
| Dimensions (WxDxH) (mm)                       | 685 x 530 x 1500  |              | 685 x 580 x 1770 |              |              |              | 950 x 730<br>x 1900 | 1250 x 850<br>x 1905 |  |
| Colour  | RAL 7024  |              |                  |              |              |              |                     |                      |  |
| IP rating                                     | IP 20   |              |                  |              |              |              |                     |                      |  |
| Moving the STS                                | Pallet Jack   |              |                  |              |              |              |                     |                      |  |