



VT 100



VT 200



CT 400



HR 23



HR 30



### ACCESSORIES

- VT 100 trolley for lodging gas cylinder and water cooling equipment
- VT 200 trolley for lodging gas cylinder and water cooling equipment (for MATRIX 420HF)
- CT 400 trolley for lodging gas cylinder and water cooling equipment
- HR 23 and HR 30 water cooling equipment
- PSR 7 foot remote control
- CD 6 remote control
- Up/Down torches

| TECHNICAL DATA                       |                                     | MATRIX 2600 HF                        |           | MATRIX 3000 HF |           | MATRIX 3001 HF |           | MATRIX 420 HF |           |
|--------------------------------------|-------------------------------------|---------------------------------------|-----------|----------------|-----------|----------------|-----------|---------------|-----------|
|                                      |                                     | TIG                                   | MMA       | TIG            | MMA       | TIG            | MMA       | TIG           | MMA       |
| Three phase input 50/60 Hz           | V <sup>+20%</sup> / <sub>-20%</sub> | 400                                   |           | 400            |           | 400            |           | 400           |           |
| Input Power @ I <sub>2</sub> Max     | kVA                                 | 7,1                                   | 9,6       | 9,1            | 9,2       | 9,1            | 9,8       | 13,3          | 17,4      |
| Delayed Fuse (I <sub>2</sub> @ 100%) | A                                   | 10                                    | 10        | 10             | 10        | 10             | 10        | 16            | 16        |
| Power Factor / cos φ                 |                                     | 0,95/0,99                             | 0,95/0,99 | 0,95/0,99      | 0,95/0,99 | 0,95/0,99      | 0,95/0,99 | 0,76/0,99     | 0,82/0,99 |
| Efficiency Degree                    |                                     | 0,80                                  | 0,82      | 0,78           | 0,83      | 0,78           | 0,83      | 0,85          | 0,88      |
| Open circuit voltage                 | V                                   | 100                                   | 100       | 100            | 100       | 100            | 100       | 100           | 100       |
| Current range                        | A                                   | 5 - 260                               | 10 - 250  | 5 - 300        | 10 - 270  | 5 - 300        | 10 - 270  | 5 - 420       | 10 - 400  |
| Duty cycle at (40°C)                 | A 100%                              | 200                                   | 190       | 210            | 200       | 210            | 200       | 270           | 270       |
|                                      | A 60%                               | 230                                   | 220       | 250            | 230       | 250            | 230       | 340           | 340       |
|                                      | A X%                                | 260 (40%)                             | 250 (40%) | 300 (35%)      | 270 (35%) | 300 (35%)      | 270 (35%) | 420 (40%)     | 400 (40%) |
| Standards                            |                                     | EN 60974-1 • EN 60974-3 • EN 60974-10 |           |                |           |                |           |               |           |
|                                      |                                     |                                       |           |                |           |                |           |               |           |
| Protection Class                     | IP                                  | 23 S                                  |           | 23 S           |           | 23 S           |           | 23 S          |           |
| Insulation Class                     |                                     | F                                     |           | F              |           | F              |           | F             |           |
| Dimensions                           | ↗ mm                                | 495                                   |           | 495            |           | 495            |           | 560           |           |
|                                      | → mm                                | 185                                   |           | 185            |           | 185            |           | 220           |           |
|                                      | ↑ mm                                | 390                                   |           | 390            |           | 390            |           | 425           |           |
| Weight                               | kg                                  | 17,5                                  |           | 17,5           |           | 17,5           |           | 25            |           |

Other voltages available on request

These power sources are built for industrial environment use. EMC (CISPR 11): class A



ISO 9001: 2008