



# OXYGEN 320-15-50

|                         |                                 |
|-------------------------|---------------------------------|
| Type                    | 320-15-50                       |
| System                  | Three-phase + N                 |
| Input voltage variation | ±15 (-50) %                     |
| Rated power             | 320 kVA                         |
| Input voltage range     | 340-460 V                       |
| Max input current       | 543 A                           |
| Output voltage          | 400 V                           |
| Rated output current    | 462 A                           |
| Efficiency              | >98 %                           |
| Compensation Duration   | ±15% continuous, -50% for 1 min |
| Adjustment speed        | <3 ms                           |
| Dimensions WxDxH        | 1200x1000x2200mm                |
| Weight                  | 1650 kg                         |



*This image is indicative only.*

## Standard features

|                           |                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Voltage regulation        | IGBT controlled (double conversion technology)                                                                             |
| Voltage stabilisation     | Independent phase control                                                                                                  |
| Selectable output voltage | 380-400-415V (440-460-480V**)                                                                                              |
| Frequency                 | 50Hz ±5% or 60Hz ±5%                                                                                                       |
| Output voltage accuracy   | ±0,5%                                                                                                                      |
| Admitted load variation   | Up to 100%                                                                                                                 |
| Admitted load imbalance   | 100 %                                                                                                                      |
| Cooling                   | Forced ventilation                                                                                                         |
| Ambient temperature       | 0/+40°C                                                                                                                    |
| Storage temperature       | 0/+60°C                                                                                                                    |
| Max relative humidity     | <95% (non condensing)                                                                                                      |
| Admitted overload         | 110% continuous, 120% for 60s, >120% automatic by-pass protection                                                          |
| Colour                    | RAL 9005                                                                                                                   |
| Protection degree         | IP2X                                                                                                                       |
| Instrumentation           | 10" touch panel, multilingual (on request remotely available by dedicated software connected to the same Ethernet network) |
| Installation              | Indoor                                                                                                                     |
| Communication system      | MODBUS TCP/IP                                                                                                              |
| Overvoltage protection    | Class I input surge arrestors<br>Class II output surge arrestors                                                           |
| Protections               | Automatic by-pass protection                                                                                               |

## Optional Accessories