



## ORION 45-20

|                         |                |
|-------------------------|----------------|
| Type                    | 45-20          |
| System                  | Three-phase    |
| Input voltage variation | $\pm 20\%$     |
| Rated power             | 45 kVA         |
| Input voltage range     | 320-480 V      |
| Max input current       | 81 A           |
| Output voltage          | 400 V          |
| Rated output current    | 65 A           |
| Efficiency              | $>98\%$        |
| Compensation Duration   | Continuous     |
| Adjustment speed        | 12 ms/V        |
| Dimensions WxDxH        | 600x600x1600mm |
| Weight                  | 310 kg         |



*This image is indicative only.*

### Standard features

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| Voltage stabilisation     | Independent phase control                                                           |
| Selectable output voltage | 220-230-240V (L-N) / 380-400-415V (L-L)                                             |
| Frequency                 | 50Hz $\pm 5\%$ or 60Hz $\pm 5\%$                                                    |
| Output voltage accuracy   | $\pm 0,5\%$                                                                         |
| Admitted load variation   | Up to 100%                                                                          |
| Admitted load imbalance   | 100 %                                                                               |
| Cooling                   | Up to 45kVA $\pm 15\%$ natural ventilation<br>From 60kVA $\pm 15\%$ aided with fans |
| Ambient temperature       | -25/+45°C                                                                           |
| Storage temperature       | -25/+60°C                                                                           |
| Max relative humidity     | $<95\%$ (non condensing)                                                            |
| Admitted overload         | 200% 2min.                                                                          |
| Harmonic distortion       | None introduced                                                                     |
| Colour                    | RAL 7035                                                                            |
| Protection degree         | IP 21                                                                               |
| Instrumentation           | Output digital multimeter                                                           |
| Installation              | Indoor                                                                              |
| Overvoltage protection    | Output class II surge arrestors (over 60kVA $\pm 15\%$ )                            |

### Optional Accessories

|                                               |                          |
|-----------------------------------------------|--------------------------|
| Interrupting devices - INPUT                  | DI 100 - INPUT           |
| Interrupting devices - OUTPUT                 | DI 80 - OUTPUT           |
| Load protection against over/undervoltage     | PS 80                    |
| CAM                                           | CAM100                   |
| Input three-phase isolation transformer DYN11 | DYN11 91A                |
| SPD Surge arrestors                           | SPD INPUT CLASS I 25/4   |
| SPD Surge arrestors                           | SPD OUTPUT CLASS II 20/4 |