



# AQUARIUS PLUS ETP45-20

|                         |                |
|-------------------------|----------------|
| Type                    | ETP45-20       |
| System                  | Three-phase    |
| Input voltage variation | ±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        | one cycle      |
| Dimensions WxDxH        | 600x600x1600mm |
| Weight                  | 220 kg         |



*This image is indicative only.*

## Standard features

|                           |                                         |
|---------------------------|-----------------------------------------|
| Voltage regulation        | IGBT controlled                         |
| Voltage stabilisation     | Independent phase control               |
| Selectable output voltage | 220-230-240V (L-N) / 380-400-415V (L-L) |
| 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       | -25/+45°C                               |
| Storage temperature       | -25/+60°C                               |
| Max relative humidity     | <95% (non condensing)                   |
| Admitted overload         | 150% 2sec                               |
| Colour                    | RAL 9005                                |
| Protection degree         | IP 21                                   |
| Instrumentation           | Output digital multimeter               |
| Installation              | Indoor                                  |
| Overvoltage protection    | Class II output surge arrestors         |
| Protections               | EMI/RFI filters                         |
|                           | Input circuit breaker                   |
|                           | Protection by-pass (automatic)          |
|                           | Maintenance by-pass (manual)            |

## Optional Accessories

|                                                       |               |
|-------------------------------------------------------|---------------|
| Load protection against over/undervoltage             | PS 80         |
| Input three-phase isolation transformer DYN11         | DYN11 91A     |
| Integrated PFC automatic systems from 80kVA to 320kVA | PFC 80-320 80 |