



SIRIUS ADVANCE 1600-20

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| Type | 1600-20 |
| Input voltage variation | ±20 % |
| Rated power | 1600 kVA |
| Input voltage range | 320-480 V |
| Max input current | 2887 A |
| Output voltage | 400 V |
| Rated output current | 2309 A |
| Efficiency | >98 % |
| Adjustment speed | 18 ms/V |
| Dimensions WxDxH | 6600x1000x2100mm |
| Weight | 5800 kg |



This image is indicative only.

Standard features

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| Voltage stabilisation | Independent phase control |
| Selectable output voltage | from 210V to 255V (L-N) / from 360V to 440V (L-L) |
| Frequency | 50Hz ±5% or 60Hz ±5% |
| Output voltage accuracy | ±0,5% |
| Admitted load variation | Up to 100% |
| Admitted load imbalance | 100 % |
| Cooling | Natural ventilation (from 35°C 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 | 10" touch panel (multilingual) remotely available via VNC Reactive power regulator |
| Installation | Indoor |
| Communication system | Ethernet / USB / MODBUS / Ortea XCloud |
| Overvoltage protection | Class I input surge arrestors Class II output surge arrestors Optimal voltage return through supercapacitors in case of black-out |
| By-pass and total protection kit | Input automatic circuit breaker By-pass switch made of an interlocked automatic circuit breaker Output interlocked motorized automatic circuit breaker with protection against overload, overvoltage, undervoltage, phase sequence error and phase failure |
| Integrated PFC automatic systems | Based on high-energy density metallized polypropylene three-phase capacitors Un = 525V Three-phase blocking reactor (tuning frequency 180Hz) |

Optional Standard Accessories

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| Input three-phase isolation transformer DZNO | DZNO 2890A |
| EMI/RFI filters | FL 2500 |