



ODYSSEY 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 | <3 millisecs |
| Dimensions WxDxH | 4200x1000x2200mm |
| Weight | 3600 kg |



Standard features

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| Voltage regulation | IGBT control (double conversion technology) |
| 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 | 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 | IP 2X |
| 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 Class II output surge arrestors |
| Protections | Automatic by-pass protection |

Optional Standard Accessories

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| Interrupting devices ABB / SCHNEIDER - INPUT | DI ABB / SCHNEIDER 3200 - INPUT |
| Interrupting devices ABB / SCHNEIDER - OUTPUT | DI ABB / SCHNEIDER 2500 - OUTPUT |
| Load protection against over/undervoltage ABB / SCHNEIDER | PS ABB / SCHNEIDER 2500 |
| Input three-phase isolation transformer DZNO | DZNO 2890A |
| Integrated PFC automatic systems from 1000kVA to 4000kVA | PFC 1000-4000 1600 |
| Total protection kit ABB / SCHNEIDER | kit ABB / SCHNEIDER 3200 |
| EMI/RFI filters | FL 2500 |