



ODYSSEY 1600-20

Type	1600-20
System	Three-phase
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 %
Compensation Duration	Continuous
Adjustment speed	<3 ms
Dimensions WxDxH	4200x1000x2200mm
Weight	3600 kg



This image is indicative only.

Standard features

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 Accessories

Interrupting devices - INPUT	DI 3200 - INPUT
Interrupting devices - OUTPUT	DI 2500 - OUTPUT
Load protection against over/undervoltage	PS 2500
Input three-phase isolation transformer DZN0	DZN0 2890A
Integrated PFC automatic systems from 1000kVA to 4000kVA	PFC 1000-4000 1600



Total protection kit	TPK 3200
EMI/RFI filters	FL 2500