



ODYSSEY 500-20

Type	500-20
System	Three-phase
Input voltage variation	±20 %
Rated power	500 kVA
Input voltage range	320-480 V
Max input current	902 A
Output voltage	400 V
Rated output current	722 A
Efficiency	>98 %
Compensation Duration	Continuous
Adjustment speed	<3 ms
Dimensions WxDxH	1200x1000x2200mm
Weight	1500 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 1000 - INPUT
Interrupting devices - OUTPUT	DI 800 - OUTPUT
Load protection against over/undervoltage	PS 800
Automatic circuit breaker and changeover switch	IA-CA 1000
Input three-phase isolation transformer DZN0	DZN0 910A



Integrated PFC automatic systems from 400kVA to 800kVA	PFC 400-800 500
Total protection kit	TPK 1000
EMI/RFI filters	FL 800