ODYSSEY 800-20

Type	800-20
Input voltage variation	±20 %
Rated power	800 kVA
Input voltage range	320-480 V
Max input current	1443 A
Output voltage	400 V
Rated output current	1155 A
Efficiency	>98 %
Adjustment speed	<3 millisecs
Dimensions WxDxH	2400x1000x2200mm
Weight	2100 kg

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	150% for 1 minute (at nominal input voltage)
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

Interrupting devices ABB / SCHNEIDER - INPUT	DI ABB / SCHNEIDER 1600 - INPUT
Interrupting devices ABB / SCHNEIDER - OUTPUT	DI ABB / SCHNEIDER 1250 - OUTPUT
Load protection against over/undervoltage ABB / SCHNEIDER	PS ABB / SCHNEIDER 1250
Automatic circuit breaker and changeover switch ABB	IA-CA ABB 1600
Input three-phase isolation transformer DZN0	DZN0 1445A
Integrated PFC automatic systems from 400kVA to 800kVA	PFC 400-800 800
Total protection kit ABB / SCHNEIDER	kit ABB / SCHNEIDER 1600

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EMI/RFI filters	FL 1600