



# ODYSSEY 160-20

Type	160-20
Input voltage variation	±20 %
Rated power	160 kVA
Input voltage range	320-480 V
Max input current	289 A
Output voltage	400 V
Rated output current	231 A
Efficiency	>98 %
Adjustment speed	<3 millisecs
Dimensions WxDxH	1200x800x2000mm
Weight	700 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	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

Interrupting devices ABB / SCHNEIDER - INPUT	DI ABB / SCHNEIDER 320 - INPUT
Interrupting devices ABB / SCHNEIDER - OUTPUT	DI ABB / SCHNEIDER 250 - OUTPUT
Load protection against over/undervoltage ABB / SCHNEIDER	PS ABB / SCHNEIDER 250
Automatic circuit breaker and changeover switch ABB	IA-CA ABB 320
Input three-phase isolation transformer DZNO	DZNO 289A
Integrated PFC automatic systems from 80kVA to 320kVA	PFC 80-320 160
Total protection kit ABB / SCHNEIDER	kit ABB / SCHNEIDER 320
EMI/RFI filters	FL 300