



ODYSSEY 80-30

Type	80-30
Input voltage variation	±30 %
Rated power	80 kVA
Input voltage range	280-520 V
Max input current	165 A
Output voltage	400 V
Rated output current	115 A
Efficiency	>98 %
Adjustment speed	<3 milliseconds
Dimensions WxDxH	1200x800x2000mm
Weight	650 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 200 - INPUT
Interrupting devices ABB / SCHNEIDER - OUTPUT	DI ABB / SCHNEIDER 125 - OUTPUT
Load protection against over/undervoltage ABB / SCHNEIDER	PS ABB / SCHNEIDER 125
Automatic circuit breaker and changeover switch ABB	IA-CA ABB 200
Input three-phase isolation transformer DZNO	DZNO 180A
Integrated PFC automatic systems from 80kVA to 320kVA	PFC 80-320 80
Total protection kit ABB / SCHNEIDER	kit ABB / SCHNEIDER 200
EMI/RFI filters	FL 150