



# ODYSSEY 1600-30

Type	1600-30
Input voltage variation	±30 %
Rated power	1600 kVA
Input voltage range	280-520 V
Max input current	3299 A
Output voltage	400 V
Rated output current	2309 A
Efficiency	>98 %
Adjustment speed	<3 millisecs
Dimensions WxDxH	4200x1400x2200mm
Weight	4900 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 4000 - INPUT
Interrupting devices ABB / SCHNEIDER - OUTPUT	DI ABB / SCHNEIDER 2500 - OUTPUT
Load protection against over/undervoltage ABB / SCHNEIDER	PS ABB / SCHNEIDER 2500
Input three-phase isolation transformer DZNO	DZNO 3612A
Integrated PFC automatic systems from 1000kVA to 4000kVA	PFC 1000-4000 1600
Total protection kit ABB / SCHNEIDER	kit ABB / SCHNEIDER 4000
EMI/RFI filters	FL 2500