



# ODYSSEY 160-15

<b>Type</b>	160-15
<b>Input voltage variation</b>	±15 %
<b>Rated power</b>	160 kVA
<b>Input voltage range</b>	340-460 V
<b>Max input current</b>	272 A
<b>Output voltage</b>	400 V
<b>Rated output current</b>	231 A
<b>Efficiency</b>	>98 %
<b>Adjustment speed</b>	<3 millisecs
<b>Dimensions WxDxH</b>	1200x800x2000mm
<b>Weight</b>	650 kg



## Standard features

<b>Voltage regulation</b>	IGBT control (double conversion technology)
<b>Voltage stabilisation</b>	Independent phase control
<b>Selectable output voltage</b>	220-230-240V (L-N) / 380-400-415V (L-L)
<b>Frequency</b>	50Hz ±5% or 60Hz ±5%
<b>Output voltage accuracy</b>	±0,5%
<b>Admitted load variation</b>	Up to 100%
<b>Admitted load imbalance</b>	100 %
<b>Cooling</b>	Forced ventilation
<b>Ambient temperature</b>	0/+40°C
<b>Storage temperature</b>	0/+60°C
<b>Max relative humidity</b>	<95% (non condensing)
<b>Admitted overload</b>	110% continuous, 120% for 60s, >120% automatic by-pass protection
<b>Colour</b>	RAL 9005
<b>Protection degree</b>	IP 2X
<b>Instrumentation</b>	10" touch panel, multilingual (on request remotely available by dedicated software connected to the same Ethernet network)
<b>Installation</b>	Indoor
<b>Communication system</b>	MODBUS TCP/IP
<b>Overvoltage protection</b>	Class I input surge arrestors Class II output surge arrestors
<b>Protections</b>	Automatic by-pass protection

## Optional Standard Accessories

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