



# OXYGEN K 500-15-50K

<b>Type</b>	500-15-50K
<b>System</b>	Three-phase + N
<b>Input voltage variation</b>	±15 (-50) %
<b>Rated power</b>	500 kVA
<b>Input voltage range</b>	340-460 V
<b>Max input current</b>	849 A
<b>Output voltage</b>	400 V
<b>Rated output current</b>	722 A
<b>Efficiency</b>	>98 %
<b>Compensation Duration</b>	±15% continuous, -50% for 1 min
<b>Adjustment speed</b>	<3 ms
<b>Dimensions WxDxH</b>	3200x1400x2200mm
<b>Weight</b>	3300 kg



*This image is indicative only.*

## Standard features

<b>Voltage regulation</b>	IGBT controlled (double conversion technology)
<b>Voltage stabilisation</b>	Independent phase control
<b>Selectable output voltage</b>	380-400-415V (440-460-480V**)
<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>	IP2X
<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 Input automatic circuit breaker By-pass line with interlocked circuit breaker Output interlocked automatic circuit breaker

## Optional Accessories