



# ORION PLUS 500-20

Type	500-20
Input voltage variation	±20 %
Rated power	500 kVA
Input voltage range	320-480 V
Max input current	902 A
Output voltage	400 V
Rated output current	722 A
Efficiency	>98 %
Adjustment speed	15 ms/V
Dimensions WxDxH	1200x1000x2000mm
Weight	1530 kg



This image is indicative only.

## Standard features

Voltage stabilisation	Independent phase control
Selectable output voltage	from 210V to 255V (L-N) / from 360V to 440V (L-L)
Frequency	50Hz ±5% or 60Hz ±5%
Output voltage accuracy	±0,5%
Admitted load variation	Up to 100%
Admitted load imbalance	100 %
Cooling	Natural ventilation (from 35°C aided with fans)
Ambient temperature	-25/+45°C
Storage temperature	-25/+60°C
Max relative humidity	<95% (non condensing)
Admitted overload	200% 2min.
Harmonic distortion	None introduced
Colour	RAL 7035
Protection degree	IP 21
Instrumentation	Input & Output digital multimeter
Installation	Indoor
Overvoltage protection	Class II output surge arrestors Optimal voltage return through supercapacitors in case of black-out

## Optional Standard Accessories

Interrupting devices ABB / SCHNEIDER - INPUT	DI ABB / SCHNEIDER 1000 - INPUT
Interrupting devices ABB / SCHNEIDER - OUTPUT	DI ABB / SCHNEIDER 800 - OUTPUT
Load protection against over/undervoltage ABB / SCHNEIDER	PS ABB / SCHNEIDER 800
Disconnecter and changeover switch ABB	D-IC ABB 1000
Automatic circuit breaker and changeover switch ABB	IA-CA ABB 1000
Total protection kit ABB / SCHNEIDER	kit ABB / SCHNEIDER 1000
Input three-phase isolation transformer DZNO	DZNO 910A



<b>SPD Surge arrestors ORTEA</b>	SPD ORTEA INPUT CLASS I 25/4
<b>Integrated PFC automatic systems from 400kVA to 800kVA</b>	PFC 400-800 500
<b>EMI/RFI filters</b>	FL 800