



ORION PLUS 160-20

Type	160-20
Input voltage variation	±20 %
Rated power	160 kVA
Input voltage range	320-480 V
Max input current	289 A
Output voltage	400 V
Rated output current	231 A
Efficiency	>98 %
Adjustment speed	15 ms/V
Dimensions WxDxH	1200x800x1800mm
Weight	950 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 320 - INPUT
Interrupting devices ABB / SCHNEIDER - OUTPUT	DI ABB / SCHNEIDER 250 - OUTPUT
Load protection against over/undervoltage ABB / SCHNEIDER	PS ABB / SCHNEIDER 250
Disconnecter and changeover switch ABB	D-IC ABB 320
Automatic circuit breaker and changeover switch ABB	IA-CA ABB 320
Total protection kit ABB / SCHNEIDER	kit ABB / SCHNEIDER 320
Input three-phase isolation transformer DZNO	DZNO 289A



SPD Surge arrestors ORTEA	SPD ORTEA INPUT CLASS I 25/4
Integrated PFC automatic systems from 80kVA to 320kVA	PFC 80-320 160
EMI/RFI filters	FL 300