SIRIUS ADVANCE 160-15

Type	160-15
Input voltage variation	±15 %
Rated power	160 kVA
Input voltage range	340-460 V
Max input current	272 A
Output voltage	400 V
Rated output current	231 A
Efficiency	>98 %
Adjustment speed	20 ms/V
Dimensions WxDxH	1600x800x1800mm
Weight	900 kg

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	10" touch panel (multilingual) remotely available via VNC Reactive power regulator
Installation	Indoor
Communication system	Ethernet / USB / MODBUS
Overvoltage protection	Class I input surge arrestors Class II output surge arrestors Optimal voltage return through supercapacitors in case of black-out
By-pass and total protection kit	Input automatic circuit breaker By-pass switch made of an interlocked automatic circuit breaker Output interlocked motorized automatic circuit breaker with protection against overload, overvoltage, undervoltage, phase sequence error and phase failure
Integrated PFC automatic systems	Based on high-energy density metallized polypropylene three-phase capacitors Un = 525V Three-phase blocking reactor (tuning frequency 180Hz)

Optional Standard Accessories

Input three-phase isolation transformer DZN0	DZN0 289A
EMI/RFI filters	FL 300
OMR-T	OMR-T1

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