

Technical Data Sheet

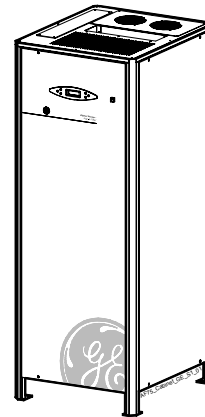
Active Filter 75

400Vac CE – Series 1

For:

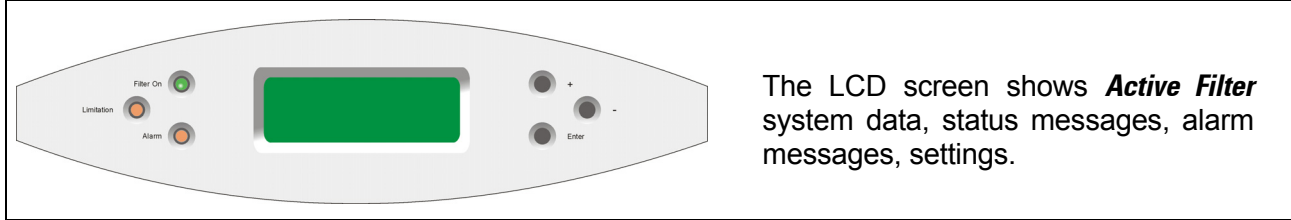
SG Series 160 – 200 kVA / 400Vac CE / Series 0

SitePro 150 – 200 – 250 – 300 kVA / 400Vac CE / Series 6



GENERAL DATA	
Topology	3-wire active filter
Nominal power	75 kVA
Compensation capacity current	115 A rms
Heat dissipation	<2000 W
Cooling air (25° 30°C)	600 m3/h
Audible noise level	60 dB(A)
Operating temperature range	0°C to 40°C
Storage temperature range	-25°C to +55°C
Relative humidity	Max. 95%, non-condensing
Max altitude without power derating	1000 m
Power derating (as IEC 62040-3)	1500 m: -5% 2000 m: -14% 3000 m: -18%
Protection degree	IP 20 (IEC 60529)
Standard	EN 50091-1 / IEC62040, CE marking
EMC	EN50091-2 / IEC 62040-2 (class A as option)
Electrostatic discharge immunity	4 kV contact / 8 kV air discharge
Transport	Cabinet suitable for handling by forklift
Colour	RAL 9003 (white)
Installation	Can be positioned against a wall and floor fixed
Access	At front of the cabinet
External cable connections	Bottom or /and top
Cooling	Forced bottom to top by entry fans
TECHNICAL DATA	
Standard input voltage	Nominal: 3 x 380 - 415V + N Accepted ph-ph voltage range: 320 ÷ 460V
Input frequency range	50 / 60 Hz +/-10%
Response time	40 ms
Harmonics compensated	2nd to 25th global or selective
Input THDi for SG Series 160 – 200 kVA / 400Vac CE / Series 0 with 5th harmonic filter	Typical 3%
Input THDi for SitePro 150 – 300 kVA / 400Vac CE / Series 6 with 5 th harmonic filter	Typical 5 %
Input power factor correction at UPS load 100%	>0.95
Cos φ correction at UPS load 100%	>0.95

FRONT PANEL CONTROLS, SIGNALS & ALARMS



The LCD screen shows **Active Filter** system data, status messages, alarm messages, settings.

OPTIONS

EMC Filter *EMC Filter* is used to reduce conducted electromagnetic interference to the limits specified in the *EMC (Electromagnetic Compatibility) standards EN 50091-2 / Class A.*

DIMENSIONS AND WEIGHT

Dimensions <i>Active Filter 75</i>	
680 mm x 800 mm x 1'820 mm	
26.78" x 31.50" x 72.84 inches	

Weight <i>Active Filter 75</i>	
<i>Active Filter 75</i>	<i>Active Filter 75 with standard package</i>
240 kg / 530 lbs	265 Kg / 585 lbs
255 kg / 563 lbs with EMC Filter	280 kg / 618 lbs with EMC Filter

FUNCTIONAL DIAGRAM

