

GFA1050xx

LINE FILTER FOR PHASE CONTROLLED CONVERTERS

IP 20 construction
 Compact construction
 High filter capacity
 Easy paralleling for increased filter capacity

LINE VOLTAGE UP TO 950 V
TRANSFORMER POWER UP TO 2700 kVA



	GFA105075	GFA105082	GFA105087	GFA105095
Line to line voltage	750 V	825 V	875 V	950 V

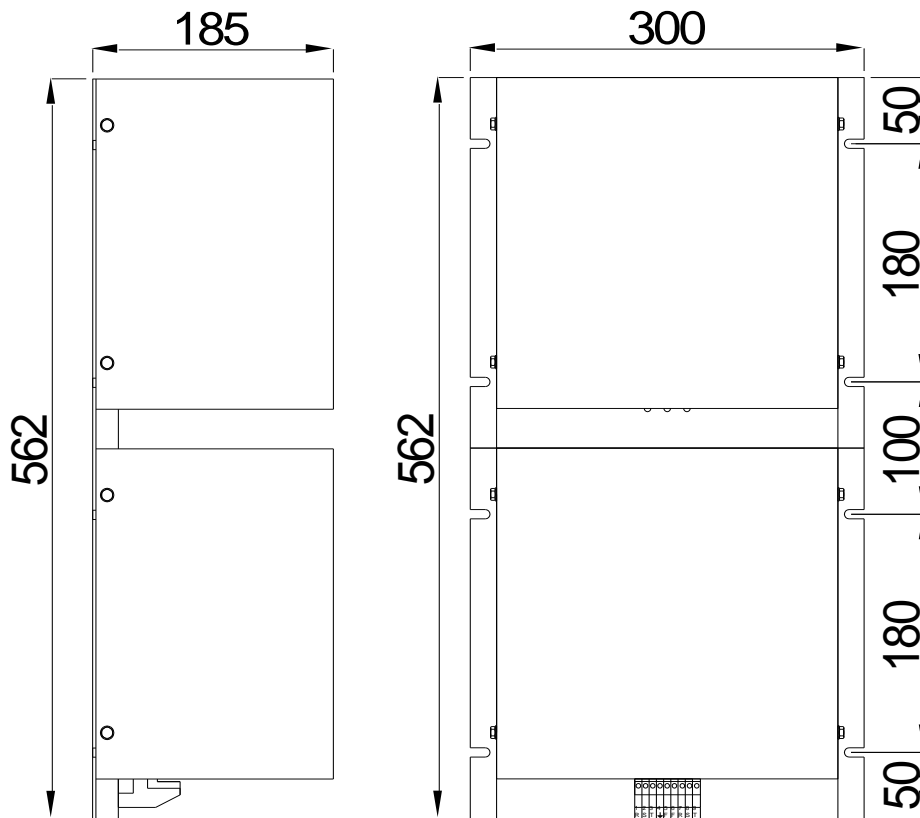
Characteristic		Conditions	Value	Value	Value	Value
S _{MAX}	Maximum transformer power	Z _{CC} < 5%; f=50Hz; I ₀ <1%;	3600 kVA	4400 kVA	4900 kVA	5800 kVA
V _{INS} (rms)	Insulation voltage	1 min @ 25°C	2500 V	2500 V	2500 V	2500 V
P _L	Power losses		150 W	180 W	190 W	220 W

COMPONENTS RATINGS

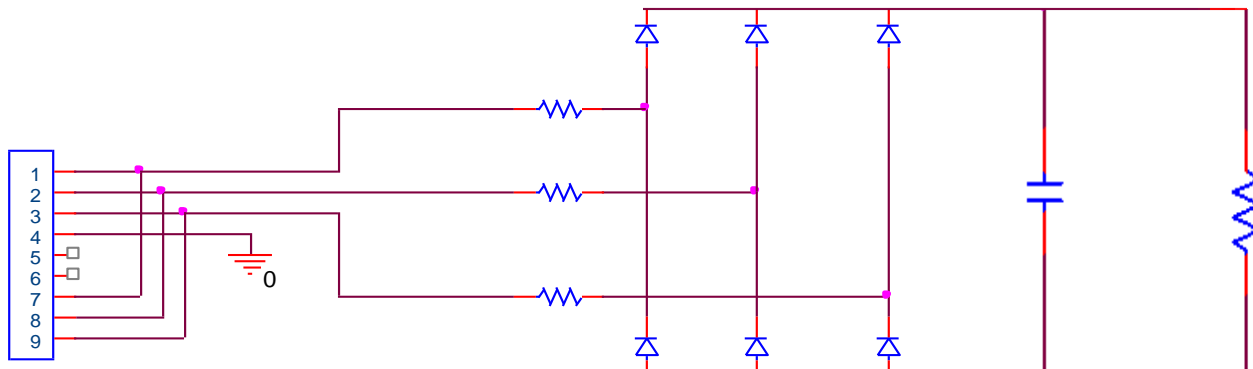
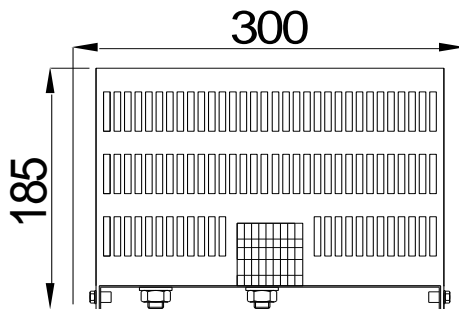
C _F	Total filter capacitance		50 μF	50 μF	50 μF	50 μF
R _D	Discharge resistance		10 kΩ	10 kΩ	10 kΩ	10 kΩ
LE _C	Capacitor life expectancy	@U _{RMS}	> 30000 h	> 30000 h	> 30000 h	> 30000 h

MECHANICAL AND THERMAL CHARACTERISTICS

W	Width		300 mm	300 mm	300 mm	300 mm
D	Depth		185 mm	185 mm	185 mm	185 mm
H	Height		562 mm	562 mm	562 mm	562 mm
M	Mass		18 kg	18 kg	18 kg	18 kg
T _{a max}	Max amb. op. Temp.		50 °C	50 °C	50 °C	50 °C
T _{stg}	Storage temperature		60 °C	60 °C	60 °C	60 °C



All dimensions are in mm



In the interest of product improvement Green Power Solutions reserves the right to change any specification given in this data sheet without notice.