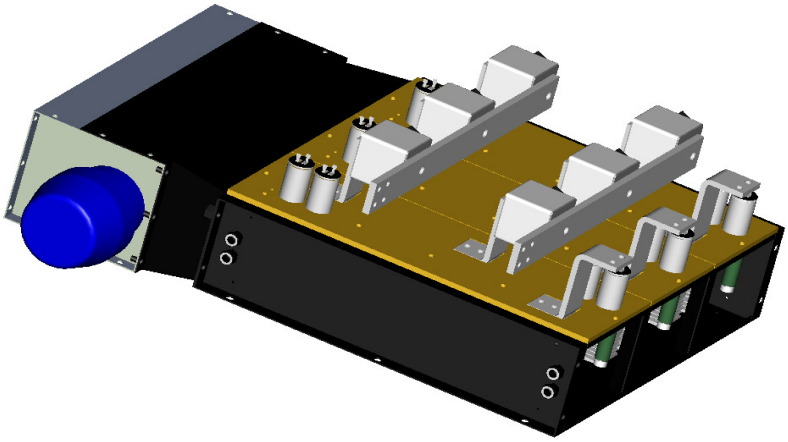
Green Power Solutions srl
Via Greto di Cornigliano 6R - 16152 Genova , Italy

Phone: +39-010-659 1869
Fax: +39-010-659 1870
Web: www.gpsemi.it
E-mail: info@gpsemi.it



GOG91K14

THREE PHASE AC-DC BRIDGE

Fuse protection
Blown fuse indicators with microswitch
Over temperature switches
Fan loss detection circuit
Snubber for SCR's protections
Extractible stacks for easy field service

LINE VOLTAGE UP TO 1000V

DC OUTPUT CURRENT 1450 A

		GOG91K14
Line to line voltage		**1000 V**

Characteristic		Conditions			Value
I_{DC}	DC output current				1450 A
V_{INS} (rms)	Insulation voltage	1 min. (IEC 1461.1)			3000 V

THYRISTOR CHARACTERISTICS

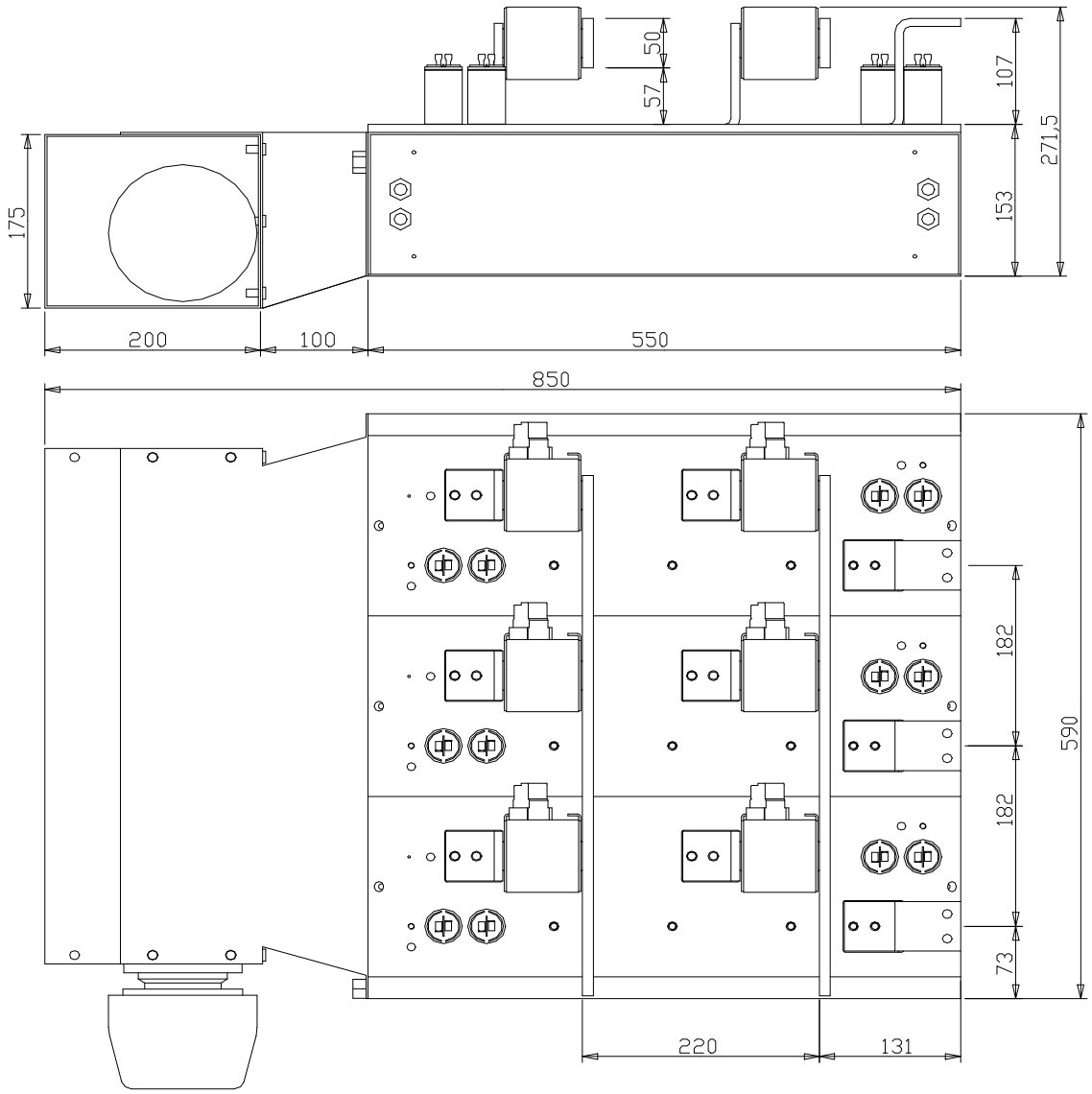
V_{GT}	Gate trigger voltage	T_j = 25 °C, V_D = 5 V			3 V
I_{GT}	Gate trigger current	T_j = 25 °C, V_D = 5 V			400 mA
dV/dt	Critical rate of rise off-state voltage	Tj= 125 °C			1000 V/us
VRRM	Blocking Voltage	Tj = 125 °C			2800 V

FUSE TYPE: 2 x SIBA 2078132.800

V_{NF}	Rated voltage				1250 V
I_{NF}	Rated current				800 A
P_{VF}	Power loss	At rated current			135 W
I^2t	Total I^2t	At 1000 V			1070 kA^2s

MECHANICAL AND THERMAL CHARACTERISTICS

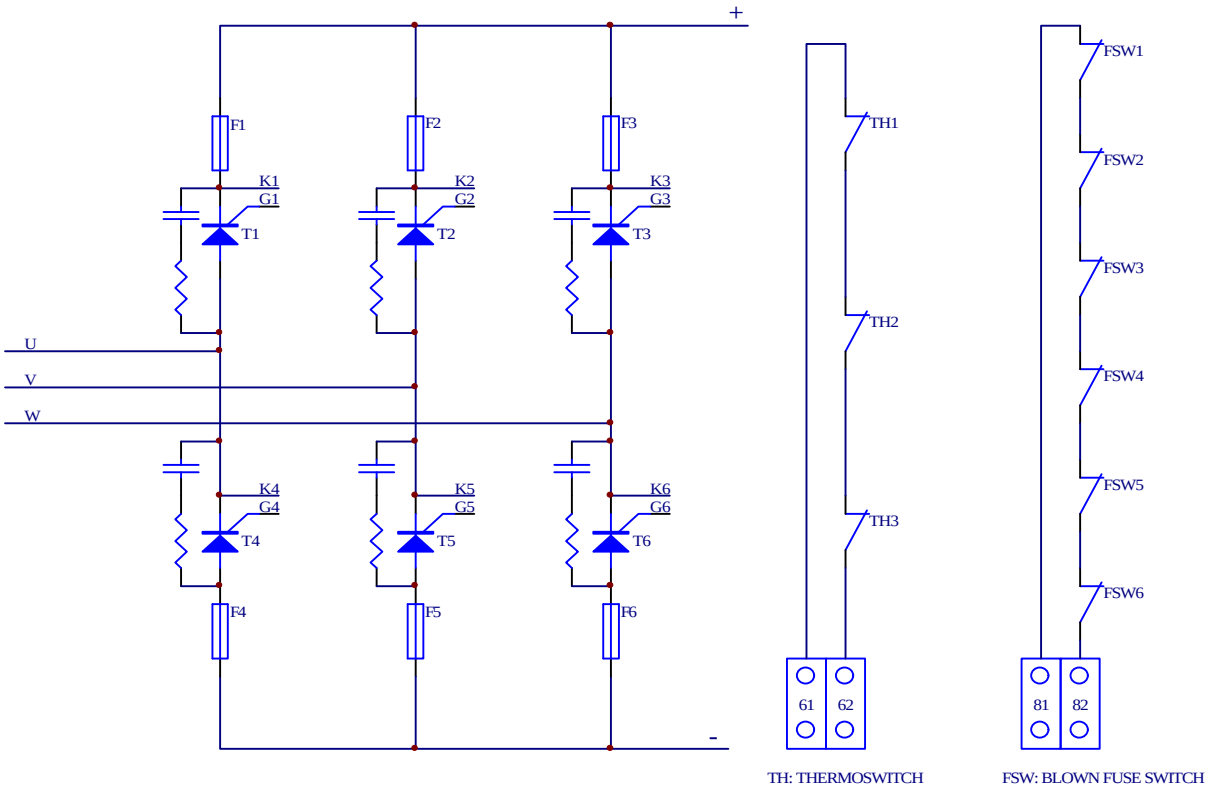
	Width				590 mm
	Depth				270 mm
	Height				850 mm
	Mass				70 kg
Ta max	Max amb. op. Temp.				40 °C
Tstg	Storage temperature				-40/60 °C



The part numbering system is reported at the beginning of the Open Assembly section.

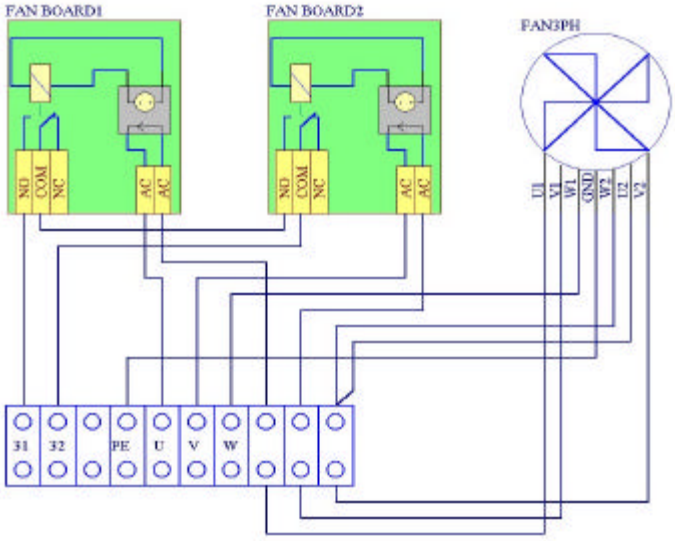
Customisations are available on request. Please contact factory.

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



TH: THERMOSWITCH

FSW: BLOWN FUSE SWITCH



U-V-W: MAIN SUPPLY
PE: GROUND CONNECTION (GND)
31-32: FAN BOARD CONTACT (CLOSED WHEN FAN RUNNING)

61-62: THERMOSWITCH CIRCUIT CONNECTION
81-82: BLOWN FUSE SWITCH CIRCUIT CONNECTION

Cooling:

Fan type:	three phase cross flow
Number of fans:	1
Voltage:	380 V
Current:	1.2 A
Frequency:	50/60 Hz
Noise:	75 dBA

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