

GenSet



MG 70 SS-P

MANUAL NUMBER
MI-G-0001800

REVISION LEVEL 0
31-08-2007

GB GENERATING SET
USE AND MAINTENANCE MANUAL



GEN SET S.p.a.

Via Stazione,5 - 27030 Villanova D' Ardenghi (Pavia) Italy
Tel. (+39) 0382-5091 - Fax (+39) 0382-509-244
E-mail: genset@genset.it - internet: [//www.genset.it](http://www.genset.it)

05.1 GENERATOR

Type	Synchronous
Three phase power (Standby Power)	66 kVA - 415 V (according to DIN 6271)
Three phase power (Prime Power)	60 kVA - 415 V (according to DIN 6271)
Single phase power (Prime Power)	22 kVA - 240 V (according to DIN 6271)
Frequency	50 Hz
Power factor	0,8
Insulation class	H
Degree of protection	IP 23

Prime power: 10% overload permitted for 1 hour every 12 hours

Standby power: no overload permitted

05.2 ENGINE

Engine type	Perkins 1104C 44TG3
Number of cylinders	4
Displacement	4400 cm ³
Power (emergency service)	87,5 HP (64,3 kWm)
Engine speed	1500 rpm
Cooling system	Water
Fuel type	Diesel
Oil tank capacity	8 l
Starting system	Electric
Consumption per hour (at 75% of continuous service)	11,2 l/h

05.3 GENERAL SPECIFICATIONS

Noise power emission level	L _{wa} 90
Battery	12 V - 100 Ah
Fuel tank capacity	293 l
Bounded tank capacity	360 l
Operating range at 75% of continuous service power	26 h ~
Dry weight	1632 Kg
Dimensions (L x W x H)	3066 x 1000 x 1742