

GenSet



MG 6 SS-Y

MANUAL NUMBER
MI-G-00001900

REVISION LEVEL 00
17-09-2007

GB GENERATING SET
USE AND MAINTENANCE MANUAL



GEN SET S.p.a.

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05.1 GENERATOR

Type	Synchronous
Single phase power (Standby Power)	6 kVA - 240/110 V (according to DIN 6271)
Single phase power (Prime Power)	5,4 kVA - 240/110 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	Yanmar L100AE
Number of cylinders	1
Displacement	406 cm ³
Power (emergency service)	8,8 hp (6,5 kWm)
Engine speed	3000 rpm
Cooling system	Air
Fuel type	Diesel
Oil tank capacity	1,65 l
Starting system	Electric
Consumption per hour (at 75% of continuous service)	1,7 l/h

05.3 GENERAL SPECIFICATIONS

Noise power emission level	L _{wa} 92
Battery	12 V - 44 Ah
Fuel tank capacity	21 l
Bounded tank capacity	26 l
Operating range at 75% of continuous service power	13 h ~
Dry weight	210 Kg
Dimensions (L x W x H)	1100 x 600 x 830