

# GenSet



## MG 115 SS-P

**MANUAL NUMBER**  
**MI-G-0002000**

**REVISION LEVEL 0**  
**28-09-2007**

**GB** GENERATING SET  
USE AND MAINTENANCE MANUAL

**GEN SET S.p.a.**

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### 05.1 GENERATOR

Type	Synchronous
Three phase power (Standby Power)	110 kVA - 415 V (according to DIN 6271)
Three phase power (Prime Power)	100 kVA - 415 V (according to DIN 6271)
Single phase power (Prime Power)	37 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 44TAG2
Number of cylinders	4
Displacement	4400 cm <sup>3</sup>
Power (emergency service)	140 HP (103 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)	17,1 l/h

### 05.3 GENERAL SPECIFICATIONS

Noise power emission level	L <sub>wa</sub> 90
Battery	12 V - 120 Ah
Fuel tank capacity	470 l
Bounded tank capacity	530 l
Operating range at 75% of continuous service power	27 h ~
Weight	2422 Kg
Dry weight	2050 Kg
Dimensions (L x W x H)	3200 x 1230 x 1870