

***MOTOGENERATORE  
GENERATING SET***

***MG 330 SS-V***



***MANUALE D'ISTRUZIONE  
OWNERS MANUAL***

Motogeneratore - Generating Set MG 330 SS-V

## 1. CARATTERISTICHE TECNICHE / TECHNICAL SPECIFICATIONS

### 1.1 GENERATORE / GENERATOR

Tipo	Sincrono / Synchronous	Type
Potenza trifase (d'emergenza) (*)	330 kVA 415 V	Three phase stand-by power (*)
Potenza trifase (continua) (**)	297 kVA 415 V	Three phase prime power (**)
Potenza monofase	110 kVA 240 V	Single phase power
Frequenza	50 Hz	Frequency
Cos $\varphi$	0,8	Cos $\varphi$
Classe isolamento	H	Insulation class
Grado di protezione	IP 23	Mechanical protection

### 1.2 MOTORE / ENGINE

Tipo motore	VOLVO Penta TAD 941 GE	Make/Type
Numero cilindri	6	Number of cylinders
Cilindrata	9600 cm <sup>3</sup>	Displacement
Potenza	266 kWm	Power
Velocità	1500 r.p.m.	Engine speed
Raffreddamento	Acqua – Water	Cooling
Carburante	Diesel	Fuel
Capacità coppa olio	32 l	Oil sump capacity
Avviamento	Elettrico – Electric	Starting system
Consumo orario @ 75%	47,5 l/h	Hour fuel consumption @ 75%

(\*) Potenza per impiego d'emergenza secondo DIN 6271 B.

(\*\*) Potenza per servizio continuo 24 ore su 24 sovraccaricabile del 10% per 1 ora ogni 12 ore secondo DIN 6271-A e ISO 3046-I.

(\*) Stand-by power: an emergency situation according to DIN 6271 B.

(\*\*) Prime power: maximum continuous power with an intermittent 10% overload capacity according to DIN 6271-A and ISO 3046-I

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### 1.3 CARATTERISTICHE GENERALI / GENERAL FEATURES

Potenza acustica	97 Lwa	Noise level
Batteria	2 x 120 Ah – 12 V	Battery
Capacità serbatoio carburante	600 l	Fuel tank capacity
Dimensioni (Lu. x La. x H.)	4300x1400x2320 mm	Dimensions (L. x W. x H.)
Peso a vuoto	4220 kg	Dry Weight

## **300 Kva /23**

### **GENSET FEATURES**

Dual speed 50Hz 415V / 60 Hz 440V.

Double dipped Alternator.

Spark Arrestor muffler.

Battery isolator switch.

4 poles motorized circuit breaker with electronic release device.

Earth leakage device.

Earth leakage relay bypass.

DEIF AGC3 controller.

Local & Remote start facility.

Synchronising facility

Fuel tank inspection hatch.

5 pole hard wire connections.

Emergency stop button.

Audible warning alarm.

Central lifting eye.

Fork lift pockets.

Lube oil drain pump.

Coolant drain pipe.

Fuel/ water separator.

3 way fuel change over valve.

Owners manual.