

500Kva /44

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 AGC 5 / AOP 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.

1000 hour oil filtration system.

Low oil level shut down.

Lube oil drain pump.

Coolant drain pipe.

Fuel/ water separator.

3 way fuel change over valve.

Owners manual.

1. CARATTERISTICHE TECNICHE / TECHNICAL SPECIFICATIONS

1.1 GENERATORE / GENERATOR

Tipo	Sincrono / Synchronous	Type
Potenza trifase (d'emergenza) (*)	550 kVA 415 V	Three phase stand-by power (*)
Potenza trifase (continua) (**)	500 kVA 415 V	Three phase prime power (**)
Potenza monofase	167 kVA 240 V	Single phase power
Frequenza	50 Hz	Frequency
Cos φ	0,8	Cos φ
Classe isolamento	H	Insulation class
Grado di protezione	IP 23	Mechanical protection

1.2 MOTORE / ENGINE

Tipo motore	VOLVO Penta TAD 1641 GE	Make/Type
Numero cilindri	6	Number of cylinders
Cilindrata	16120 cm ³	Displacement
Potenza	473 kWm	Power
Velocità	1500 r.p.m.	Engine speed
Raffreddamento	Acqua – Water	Cooling
Carburante	Diesel	Fuel
Capacità coppa olio	48 l	Oil sump capacity
Avviamento	Elettrico – Electric	Starting system
Consumo orario @ 75%	98 l/h	Operating range at 75% of continuous service power

(*) 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

1.3 CARATTERISTICHE GENERALI / GENERAL FEATURES

Potenza acustica	95 Lwa	Noise level
Batteria	2 x 200 Ah – 12 V	Battery
Capacità serbatoio carburante	807 l	Fuel tank capacity
Capacità vasca raccolta liquidi	902 l	Bounded tank capacity
Autonomia al 75% del carico prime power	8 h 20 min. ~	75% Average operating hours
Dimensioni (Lu. x La. x H.)	5052x1600x2755 mm	Dimensions (L. x W. x H.)
Peso	5950 kg	Weight

**MOTOGENERATORE
GENERATING SET**

MG 550 SS-V



**MANUALE D'ISTRUZIONE
OWNERS MANUAL**