



DIESEL GENERATING SET (230 / 400 V - 50 Hz - 1500 rpm)

GEN-SET MODEL: MS 1540

GEN-SET POWER RATING

*Stand- Power	kVA	1540
** Prime Power	kVA	1397

* Stand-by power is limited to 500 hours annual usage with an average load factor pf 80% of the published standby power rating over each 24 hour period. Up to 300 hours of the annual usage may be run continuously

** Prime power is an unlimited hours usage with an average load factor 80% of the published prime power rating over each 24 hour period. A 10% overload is available for one hour in every twelve hour operation.

DIMENSIONS W x L x H

Open Model	mm	1800x4515x2250
In Canopy	mm	2438x6058x2900

FUEL TANK CAPACITY

Open Model	lt	2500
In Canopy	lt	2200

WEIGHT

Open Model	kg	9932
In Canopy	kg	15060

ENGINE

Manufacturer		Mitsubishi
Model		S12R PTA2
Governor Type		Electronical
Speed	rpm	1500
Net Stand-by power	kWm	1285,0
Net Prime Power	kWm	1165,0
Cylinder No. and config.		V - 12
Bore/Stroke	mm	170/180
Displacement	lt	49,0
Compression ratio		13,5
Aspiration		Turbocharged & Intercooled
Cooling		Water Cooled
Electrical system	V	24
Fuel Consumption		
%100 load	lt/h	282,0
% 75 load	lt/h	210,0
% 50 load	lt/h	185,0
Lub.Oil Capacity	lt	180,0
Coolant Capacity w. radiator	lt	125,0

ALTERNATOR

Manufacturer		MARELLI
Model		MBJ400MB4
Stand By Power	kVA	1650 kVA
Power Factor		0,8
Efficiency	%	96
Number of Bearing		Single
Leads Number		12
Voltage	V	230/400
Voltage Regulation Accuracy		+/- 1%
Frequence	Hz	50
Insulation Class		H
Protection		IP23
Excitation System		Brushless, AVR
Connection		Star