



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

GEN-SET MODEL: MS 1155

### GEN-SET POWER RATING

*Stand- Power	kVA	1155
** Prime Power	kVA	1050

\* 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	2000x4500x2250
In Canopy	mm	2438x6058x2900

### FUEL TANK CAPACITY

Open Model	lt	2000
In Canopy	lt	1650

### WEIGHT

Open Model	kg	8368
In Canopy	kg	13780

### ENGINE

Manufacturer		Mitsubishi
Model		S12H PTA
Governor Type		Electronical
Speed	rpm	1500
Net Stand-by power	kWm	980,0
Net Prime Power	kWm	890,0
Cylinder No. and config.		In line - 12
Bore/Stroke	mm	150/175
Displacement	lt	37,3
Compression ratio		14,0
Aspiration		Turbocharged & Intercooled
Cooling		Water Cooled
Electrical system	V	24
Fuel Consumption		
%100 load	lt/h	220,0
% 75 load	lt/h	175,0
% 50 load	lt/h	135,0
Lub.Oil Capacity	lt	200,0
Coolant Capacity w. radiator	lt	100,0

### ALTERNATOR

Manufacturer		MARELLI
Model		MBJ400MB4
Stand By Power	kVA	1155 kVA
Power Factor		0,8
Efficiency	%	95
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