



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

GEN-SET MODEL: MS 16

GEN-SET POWER RATING

*Stand- Power	kVA	16
** Prime Power	kVA	15
* Stand-by power is limited to 500 hours anual usage with an avarage 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 avarage 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	750x1600x1170
In Canopy	mm	950x2250x1570

FUEL TANK CAPACITY

Open Model	lt	90
In Canopy	lt	90

WEIGHT

Open Model	kg	480
In Canopy	kg	750

ENGINE

Manufacturer		Mitsubishi
Model		S4L2 61
Governor Type		Mechanical
Speed	rpm	1500
Net Stand-by power	kWm	15,1
Net Prime Power	kWm	13,7
Cylinder No. and config.		In line - 4
Bore/Stroke	mm	78/92
Displacement	lt	1,8
Compression ratio		22,0
Aspiration		Naturally aspirated
Cooling		Water Cooled
Electrical system	V	12
Fuel Consumption		
%100 load	lt/h	4,1
% 75 load	lt/h	2,9
% 50 load	lt/h	2,0
Lub.Oil Capacity	lt	6,0
Coolant Capacity w. radiator	lt	4,9

ALTERNATOR

Manufacturer		MARELLI
Model		MBJ160SA4
Stand By Power	kVA	19
Power Factor		0,8
Efficiency	%	86
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