



DIESEL GENERATING SET

(230 V - 50 Hz - 1500 rpm)

GEN-SET MODEL: MS 9

GEN-SET POWER RATING

*Stand- Power	kVA	9
** Prime Power	kVA	8

* 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	700x1300x870
In Canopy	mm	700x2000x1050

FUEL TANK CAPACITY

Open Model	lt	39
In Canopy	lt	39

WEIGHT

Open Model	kg	244
In Canopy	kg	494

ENGINE

Manufacturer		Mitsubishi
Model		S3I2 61
Governor Type		Mechanical
Speed	rpm	1500
Net Stand-by power	kWm	10,8
Net Prime Power	kWm	9,7
Cylinder No. and config.		In line - 3
Bore/Stroke	mm	78/92
Displacement	lt	1,30
Compression ratio		22,0
Aspiration		Naturally aspirated
Cooling		Water Cooled
Electrical system	V	12
Fuel Consumption		
%100 load	lt/h	2,9
% 75 load	lt/h	1,8
% 50 load	lt/h	1,5
Lub.Oil Capacity	lt	3,7
Coolant Capacity w. radiator	lt	4,2

ALTERNATOR

Manufacturer		SINCRO
Model		KK4 MDA
Stand By Power	kVA	11
Power Factor		1
Efficiency	%	81
Number of Bearing		Single
Leads Number		12
Voltage	V	230
Voltage Regulation Accuracy		+/- 2%
Frequency	Hz	50
Insulation Class		H
Protection		IP23
Excitation System		Brushless, AVR
Connection		Monophase