



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

GEN-SET MODEL: MS 2280

### GEN-SET POWER RATING

*Stand- Power	kVA	2278
** Prime Power	kVA	2025

\* 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	2400x5710x3250
In Canopy	mm	2438x9125x3060

### FUEL TANK CAPACITY

Open Model	lt	3500
In Canopy	lt	3200

### WEIGHT

Open Model	kg	14000
In Canopy	kg	23350

### ENGINE

Manufacturer		Mitsubishi
Model		S16R PTAA2
Governor Type		Electronical
Speed	rpm	1500
Net Stand-by power	kWm	1895,0
Net Prime Power	kWm	1684,0
Cylinder No. and config.		V - 16
Bore/Stroke	mm	170/180
Displacement	lt	65,4
Compression ratio		13,5
Aspiration		Turbocharged & Intercooled
Cooling		Water Cooled
Electrical system	V	24
Fuel Consumption		
%100 load	lt/h	408,0
% 75 load	lt/h	320,0
% 50 load	lt/h	255,0
Lub.Oil Capacity	lt	230,0
Coolant Capacity w. radiator	lt	170,0

### ALTERNATOR

Manufacturer		MARELLI
Model		MBJ500MB4
Stand By Power	kVA	2370 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