



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

GEN-SET MODEL: MTU 870

### GEN-SET POWER RATING

*Standby Power	kVA	870
** Prime Power	kVA	787
* 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	1580x3900x2012
In Canopy	mm	2468x6078x2591

### FUEL TANK CAPACITY

Open Model	lt	1200
In Canopy	lt	1500

### WEIGHT

Open Model	kg	5750
In Canopy	kg	11000

### ENGINE

Manufacturer		MTU
Model		12V2000G65/G85
Governor Type		Electronic
Speed	rpm	1500
Engine Gross power	kWm	765
Cylinder No. and config.		V 12
Bore/Stroke	mm	130/150
Displacement	lt	23,88
Compression ratio		16,0:1
Aspiration		Turbocharged & Intercooled
Cooling		Water Cooled
Electrical system	V	24
Fuel Consumption		
%100 load	lt/h	157,5
% 75 load	lt/h	121,7
% 50 load	lt/h	88,5
Lub.Oil Capacity	lt	77,0
Coolant Capacity w. radiator	lt	104,0

### ALTERNATOR

Manufacturer		MARELLI
Model		MJB355MB4
Stand By Power	kVA	870 kVA
Power Factor		0,8
Efficiency	%	95,0
Number of Bearing		Single
Leads Number		12
Voltage	V	230/400
Voltage Regulation Accuracy		+/- 0,5%
Frequency	Hz	50
Insulation Class		H
Protection		IP23
Excitation System		Brushless, AVR
Connection		Star