



DIESEL GENERATING SET
(230 / 400 V - 50 Hz - 1500 rpm)
GEN-SET MODEL: IZ 33

GEN-SET POWER RATING

*Stand- Power	kVA	33
** Prime Power	kVA	30
* 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	750x1600x1170
In Canopy	mm	987x2265x1570

FUEL TANK CAPACITY

Open Model	lt	90
In Canopy	lt	90

WEIGHT

Open Model	kg	596
In Canopy	kg	901

ENGINE

Manufacturer		ISUZU
Model		4JB1T
Governor Type		Mechanical
Speed	rpm	1500
Net Stand-by power	kWm	31
Cylinder No. and config.		In line - 4
Bore/Stroke	mm	93/102
Displacement	lt	2,7
Compression ratio		18,2:1
Aspiration		Naturally aspirated
Cooling		Water Cooled
Electrical system	V	12
Fuel Consumption		
%100 load	lt/h	6,6
% 75 load	lt/h	5,5
% 50 load	lt/h	3,9
Lub.Oil Capacity	lt	4,0
Coolant Capacity w. radiator	lt	8,1

ALTERNATOR

Manufacturer		MARELLI
Model		MJB160MB4
Stand By Power	kVA	33
Power Factor		0,8
Efficiency	%	88,3
Number of Bearing		Single
Leads Number		12
Voltage	V	230/400
Voltage Regulation Accuracy		+/- 1%
Frequency	Hz	50
Insulation Class		H
Protection		IP23
Excitation System		Brushless, AVR
Connection		Star