



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

GEN-SET MODEL: PE 80

GEN-SET POWER RATING

*Stand- Power	kVA	80
** Prime Power	kVA	72
* 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	750x2000x1270
In Canopy	mm	950x2600x1570

FUEL TANK CAPACITY

Open Model	lt	114
In Canopy	lt	114

WEIGHT

Open Model	kg	1050
In Canopy	kg	1360

ENGINE

Manufacturer		Perkins
Model		1004TG
Governor Type		Mechanical
Speed	rpm	1500
Net Stand-by power	kWm	72,0
Net Prime Power	kWm	65,0
Cylinder No. and config.		In line - 4
Bore/Stroke	mm	100/127
Displacement	lt	4,00
Compression ratio		16,0
Aspiration		Turbocharged
Cooling		Water Cooled
Electrical system	V	12
Fuel Consumption		
%100 load	lt/h	14,0
% 75 load	lt/h	10,0
% 50 load	lt/h	7,0
Lub.Oil Capacity	lt	8
Coolant Capacity w. radiator	lt	18,0

ALTERNATOR

Manufacturer		MARELLI
Model		MJB200MB4
Stand By Power	kVA	80
Power Factor		0
Efficiency	%	90
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