



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

GEN-SET MODEL: PE 160

GEN-SET POWER RATING

*Stand- Power	kVA	156
** Prime Power	kVA	141
* 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	750x2400x1520
In Canopy	mm	1000x3250x1700

FUEL TANK CAPACITY

Open Model	lt	144
In Canopy	lt	168

WEIGHT

Open Model	kg	1510
In Canopy	kg	1910

ENGINE

Manufacturer		Perkins
Model		1006TAG
Governor Type		Electronical
Speed	rpm	1500
Net Stand-by power	kWm	134,0
Net Prime Power	kWm	121,0
Cylinder No. and config.		In line - 6
Bore/Stroke	mm	100/127
Displacement	lt	6,00
Compression ratio		17,0
Aspiration		Turbocharged & Aftercooled
Cooling		Water Cooled
Electrical system	V	12
Fuel Consumption		
%100 load	lt/h	31,0
% 75 load	lt/h	24,0
% 50 load	lt/h	16,0
Lub.Oil Capacity	lt	19,0
Coolant Capacity w. radiator	lt	37,0

ALTERNATOR

Manufacturer		MARELLI
Model		MJB225MA4
Stand By Power	kVA	160
Power Factor		0
Efficiency	%	92
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