



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ104PE

GEN-SET POWER RATING

*Stand-by Power	kVA	101
**Prime Power	kVA	92

*Stand-by Power is limited to 500 hours annual usage with an average load factor of 80% of the published standby power rating over each 24 hour period. Up to 300 hours of the annual usage may be run continuously. No overload is permitted on standby power

**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 Skid	mm	750x2400x1270
Canopied	mm	1000x3250x1700

FUEL TANK CAPACITY

Open Skid	lt	139
Canopied	lt	168

WEIGHT

Open Skid	kg	1200
Canopied	kg	1620

ENGINE

Manufacturer	PERKINS	
Origin	UK	
Model	1006TG1A	
Governor Type	Mechanical	
Speed	rpm	1500
Net Stand-by Power	kWm	91,5
Net Prime Power	kWm	83,0
Cylinder number and config.	In line - 6	
Bore/Stroke	mm	100/127
Displacement	lt	5,99
Compression ratio		16

Aspiration Turbocharged

Cooling Water Cooled

Electrical system V 12

Fuel Consumption

% 100 load lt/h 21,8

% 75 load lt/h 16,5

% 50 load lt/h 11,4

Lub.Oil Capacity lt 16,1

Coolant Capacity with radiator lt 27,7

ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB225SB4	
Stand By Power	kVA	101
Power Factor		0,8
Efficiency	%	91,5
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

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