



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ50PE

GEN-SET POWER RATING

*Stand-by Power	kVA	51
**Prime Power	kVA	46

*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	750x1850x1220
Canopied	mm	900x2600x1570

FUEL TANK CAPACITY

Open Skid	lt	119
Canopied	lt	120

WEIGHT

Open Skid	kg	845
Canopied	kg	1157

ENGINE

Manufacturer	PERKINS	
Origin	UK	
Model	1103A-33TG1	
Governor Type	Mechanical	
Speed	rpm	1500
Net Stand-by Power	kWm	45,6
Net Prime Power	kWm	41,3
Cylinder number and config.	In line - 3	
Bore/Stroke	mm	105/127
Displacement	lt	3,30
Compression ratio		17,25

Aspiration Turbocharged

Cooling Water Cooled

Electrical system V 12

Fuel Consumption

% 100 load lt/h 10,7

% 75 load lt/h 8,2

% 50 load lt/h 5,7

Lub.Oil Capacity lt 7,9

Coolant Capacity with radiator lt 10,2

ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB200SB4	
Stand By Power	kVA	53
Power Factor		0,8
Efficiency	%	88,7
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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