



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ90PE

GEN-SET POWER RATING

*Stand-by Power	kVA	90
**Prime Power	kVA	82

*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	750x1850x1270
Canopied	mm	1000x3250x1700

FUEL TANK CAPACITY

Open Skid	lt	139
Canopied	lt	168

WEIGHT

Open Skid	kg	1022
Canopied	kg	1442

ENGINE

Manufacturer	PERKINS	
Origin	UK	
Model	1104C-44TG2	
Governor Type	Mechanical	
Speed	rpm	1500
Net Stand-by Power	kWm	79,1
Net Prime Power	kWm	71,9
Cylinder number and config.	In line - 4	
Bore/Stroke	mm	105/127
Displacement	lt	4,40
Compression ratio	17,25	

Aspiration Turbocharged

Cooling Water Cooled

Electrical system V 12

Fuel Consumption

 % 100 load lt/h 18,7

 % 75 load lt/h 14,0

 % 50 load lt/h 9,7

Lub.Oil Capacity lt 8,0

Coolant Capacity with radiator lt 13,0

ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB225SA4	
Stand By Power	kVA	94
Power Factor	0,8	
Efficiency	%	91,0
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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