



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ115PE

GEN-SET POWER RATING

*Stand-by Power	kVA	115
**Prime Power	kVA	104

*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	1366
Canopied	kg	1786

ENGINE

Manufacturer	PERKINS	
Origin	UK	
Model	1006TG2A	
Governor Type	Mechanical	
Speed	rpm	1500
Net Stand-by Power	kWm	100,0
Net Prime Power	kWm	91,0
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	24
Fuel Consumption		
% 100 load	lt/h	24,3
% 75 load	lt/h	17,9
% 50 load	lt/h	12,3
Lub.Oil Capacity	lt	16,1
Coolant Capacity with radiator	lt	27,7

ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB225MA4	
Stand By Power	kVA	116
Power Factor	0,8	
Efficiency	%	91,8
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	

All information given in this leaflet is intended for general purposes only. Due to a policy of continuous improvement, Teksan reserves the right to amend details and specifications without notice and all information given is subject to the Teksan's current