



## TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ1400PE

### GEN-SET POWER RATING

*Stand-by Power	kVA	1400
**Prime Power	kVA	1270

\*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	1880x4800x2355
Canopied	mm	2438x6058x2700

### FUEL TANK CAPACITY

Open Skid	lt	2500
Canopied	lt	2500

### WEIGHT

Open Skid	kg	9400
Canopied	kg	14270

### ENGINE

Manufacturer		PERKINS
Origin		UK
Model		4012TAG
Governor Type		Electronic
Speed	rpm	1500
Net Stand-by Power	kWm	1168
Net Prime Power	kWm	1061
Cylinder number and config.		V - 12
Bore/Stroke	mm	160/190
Displacement	lt	45,84
Compression ratio		13,6
Aspiration		Turbocharged & air to air charge cooled
Cooling		Water Cooled
Electrical system	V	24
Fuel Consumption		
% 100 load	lt/h	260,1
% 75 load	lt/h	188,5
% 50 load	lt/h	128,8
Lub.Oil Capacity	lt	177,6
Coolant Capacity with radiator	lt	200,0

### ALTERNATOR

Manufacturer		MARELLI
Origin		ITALY
Model		MJB400LB4
Stand By Power	kVA	1430
Power Factor		0,8
Efficiency	%	95,8
Number of Bearing		Single
Leads Number		6
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