



## TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

**GEN-SET MODEL**

**TJ1650PE**

### GEN-SET POWER RATING

*Stand-by Power	kVA	1650
**Prime Power	kVA	1500

\*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	2260x5060x2780
Canopied	mm	TBA

### FUEL TANK CAPACITY

Open Skid	lt	2500
Canopied	lt	2500

### WEIGHT

Open Skid	kg	10300
Canopied	kg	TBA

### ENGINE

Manufacturer		PERKINS
Origin		UK
Model		4012TAG2A
Governor Type		Electronic
Speed	rpm	1500
Net Stand-by Power	kWm	1380
Net Prime Power	kWm	1254
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	294,0
% 75 load	lt/h	220,5
% 50 load	lt/h	145,5
Lub.Oil Capacity	lt	177,6
Coolant Capacity with radiator	lt	235,0

### ALTERNATOR

Manufacturer		MARELLI
Origin		ITALY
Model		MJB450MB4
Stand By Power	kVA	1650
Power Factor		0,8
Efficiency	%	95,9
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

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