



## TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

### GEN-SET MODEL

TJ170PE

### GEN-SET POWER RATING

*Stand-by Power	kVA	166
**Prime Power	kVA	151

\*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	750x2400x1550
Canopied	mm	1000x3250x1700

### FUEL TANK CAPACITY

Open Skid	lt	139
Canopied	lt	168

### WEIGHT

Open Skid	kg	1520
Canopied	kg	1940

### ENGINE

Manufacturer		PERKINS
Origin		UK
Model		1006TAG2
Governor Type		Electronic
Speed	rpm	1500
Net Stand-by Power	kWm	143,0
Net Prime Power	kWm	129,3
Cylinder number and config.		In line - 6
Bore/Stroke	mm	100/127
Displacement	lt	5,99
Compression ratio		17
Aspiration		Turbocharged & aftercooled
Cooling		Water Cooled
Electrical system	V	12
Fuel Consumption		
% 100 load	lt/h	41,0
% 75 load	lt/h	31,0
% 50 load	lt/h	20,0
Lub.Oil Capacity	lt	19,0
Coolant Capacity with radiator	lt	41,0

### ALTERNATOR

Manufacturer		MARELLI
Origin		ITALY
Model		MJB250MA4
Stand By Power	kVA	180
Power Factor		0,8
Efficiency	%	92,9
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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