



## TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

### GEN-SET MODEL

TJ70PE

### GEN-SET POWER RATING

*Stand-by Power	kVA	67
**Prime Power	kVA	61

\*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	750x1850x1220
Canopied	mm	900x2600x1570

### FUEL TANK CAPACITY

Open Skid	lt	119
Canopied	lt	120

### WEIGHT

Open Skid	kg	890
Canopied	kg	1200

### ENGINE

Manufacturer	PERKINS	
Origin	UK	
Model	1103A-33TG2	
Governor Type	Mechanical	
Speed	rpm	1500
Net Stand-by Power	kWm	59,3
Net Prime Power	kWm	53,8
Cylinder number and config.	In line - 3	
Bore/Stroke	mm	105/127
Displacement	lt	3,30
Compression ratio		17,25

Aspiration Turbocharged

Cooling Water Cooled

Electrical system	V	12
Fuel Consumption		
% 100 load	lt/h	14,1
% 75 load	lt/h	10,5
% 50 load	lt/h	7,3
Lub.Oil Capacity	lt	7,9
Coolant Capacity with radiator	lt	10,2

### ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB200MA4	
Stand By Power	kVA	68
Power Factor		0,8
Efficiency	%	90,1
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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