



## TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

**GEN-SET MODEL** **TJ450PE**

### GEN-SET POWER RATING

*Stand-by Power	kVA	450
**Prime Power	kVA	403

\*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	1100x3200x1920
Canopied	mm	1300x4465x2590

### FUEL TANK CAPACITY

Open Skid	lt	415
Canopied	lt	415

### WEIGHT

Open Skid	kg	3000
Canopied	kg	3700

### ENGINE

Manufacturer	PERKINS	
Origin	UK	
Model	2306C-E14TAG3	
Governor Type	Electronic	
Speed	rpm	1500
Net Stand-by Power	kWm	387
Net Prime Power	kWm	344
Cylinder number and config.	In line - 6	
Bore/Stroke	mm	137/165
Displacement	lt	14,60
Compression ratio	15,9	
Aspiration	Turbocharged & aftercooled	
Cooling	Water Cooled	
Electrical system	V	24
Fuel Consumption		
% 100 load	lt/h	81,1
% 75 load	lt/h	60,9
% 50 load	lt/h	42,3
Lub.Oil Capacity	lt	68,0
Coolant Capacity with radiator	lt	47,0

### ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB315MA4	
Stand By Power	kVA	450
Power Factor	0,8	
Efficiency	%	93,7
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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