



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ10PE

GEN-SET POWER RATING

*Stand-by Power	kVA	10
**Prime Power	kVA	9

*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	550x1600x1170
Canopied	mm	900x2200x1570

FUEL TANK CAPACITY

Open Skid	lt	63
Canopied	lt	96

WEIGHT

Open Skid	kg	435
Canopied	kg	770

ENGINE

Manufacturer	PERKINS	
Origin	UK	
Model	403C-11G	
Governor Type	Mechanical	
Speed	rpm	1500
Net Stand-by Power	kWm	9,4
Net Prime Power	kWm	8,5
Cylinder number and config.	In line - 3	
Bore/Stroke	mm	77/81
Displacement	lt	1,13
Compression ratio	23,00	

Aspiration Naturally aspirated

Cooling Water Cooled

Electrical system V 12

Fuel Consumption

% 100 load	lt/h	2,6
% 75 load	lt/h	2,0
% 50 load	lt/h	1,5

Lub.Oil Capacity lt 4,9

Coolant Capacity with radiator lt 5,2

ALTERNATOR

Manufacturer	SINCRO	
Origin	ITALY	
Model	FT4 MDR	
Stand By Power	kVA	14
Power Factor	0,8	
Efficiency	%	83,0
Number of Bearing	Single	
Leads Number	12	
Voltage	V	230/400
Voltage Regulation Accuracy	±2%	
Frequency	Hz	50
Insulation Class	H	
Protection	IP23	
Excitation System	Brushes, AVR	
Connection	Star	

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