



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ815PE

GEN-SET POWER RATING

*Stand-by Power	kVA	813
**Prime Power	kVA	736

*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	1650x3995x2072
Canopied	mm	2438x6058x2700

FUEL TANK CAPACITY

Open Skid	lt	1500
Canopied	lt	1500

WEIGHT

Open Skid	kg	4730
Canopied	kg	9600

ENGINE

Manufacturer	PERKINS	
Origin	UK	
Model	4006-23TAG2A	
Governor Type	Electronic	
Speed	rpm	1500
Net Stand-by Power	kWm	685
Net Prime Power	kWm	620
Cylinder number and config.	In line - 6	
Bore/Stroke	mm	160/190
Displacement	lt	22,92
Compression ratio	13	
Aspiration	Turbocharged & aftercooled	
Cooling	Water Cooled	
Electrical system	V	24
Fuel Consumption		
% 100 load	lt/h	149,0
% 75 load	lt/h	113,0
% 50 load	lt/h	75,0
Lub.Oil Capacity	lt	122,7
Coolant Capacity with radiator	lt	156,0

ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB355MB4	
Stand By Power	kVA	880
Power Factor	0,8	
Efficiency	%	95,0
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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