



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ55CM

GEN-SET POWER RATING

*Stand-by Power	kVA	53
**Prime Power	kVA	48

* Stand-by power 100% is applicable for supplying emergency power for the duration of the utility power outage, no overload permissible. A stand-by rated Genset should be sized for a maximum of an 80 % average load factor and 200 hrs of operation per year

** Prime power is available for an unlimited number of hours per year in a variable load application. Variable load should exceed a 70 % average of the prime power during any operating of 250 hours , total operating time at 100 % prime power shall not exceed 500 hours per year

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	670
Canopied	kg	977

ENGINE

Manufacturer	CUMMINS	
Origin	UK	
Model	4BT3.3-G2	
Governor Type	Mechanical	
Speed	rpm	1500
Net Stand-by Power	kWm	50
Net Prime Power	kWm	46
Cylinder number and config.	In line-4	
Bore/Stroke	mm	95x115
Displacement	lt	3,3
Compression ratio		17,0

Aspiration Turbocharged

Cooling Water Cooled

Electrical system V 12

Fuel Consumption

% 100 load	lt/h	11,5
% 75 load	lt/h	8,4
% 50 load	lt/h	5,9

Lub.Oil Capacity lt 8,0

Coolant Capacity with radiator lt 16,0

ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB200SB4	
Stand By Power	kVA	53
Power Factor		0,8
Efficiency	%	88,7
Number of Bearing		Single
Leads Number		12
Voltage	V	230/400
Voltage Regulation Accuracy		±1%
Frequence	Hz	50
Insulation Class		H
Protection		IP23
Excitation System		Brushless, AVR
Connection		Star

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