



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ2100CM

GEN-SET POWER RATING

*Stand-by Power	kVA	2080
**Prime Power	kVA	1900

* 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	2000x6320x2610
Canopied	mm	TBA

FUEL TANK CAPACITY

Open Skid	lt	3000
Canopied	lt	3000

WEIGHT

Open Skid	kg	16250
Canopied	kg	TBA

ENGINE

Manufacturer		CUMMINS
Origin		UK
Model		QSK60-G3
Governor Type		Electronic/A1
Speed	rpm	1500
Net Stand-by Power	kWm	1755
Net Prime Power	kWm	1580
Cylinder number and config.		V-16
Bore/Stroke	mm	159x190
Displacement	lt	60.2
Compression ratio		14.5
Aspiration		Turbocharged & aftercooled
Cooling		Water Cooled
Electrical system	V	24
Fuel Consumption		
% 100 load	lt/h	356
% 75 load	lt/h	263
% 50 load	lt/h	189
Lub.Oil Capacity	lt	280
Coolant Capacity with radiator	lt	451

ALTERNATOR

Manufacturer		MARELLI
Origin		ITALY
Model		MJB500SC4
Stand By Power	kVA	2080
Power Factor		0.8
Efficiency	%	96.1
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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