



## TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ1135CM

### GEN-SET POWER RATING

*Stand-by Power	kVA	1133
**Prime Power	kVA	1026

\* 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	1750x4120x2358
Canopied	mm	2438x6058x2700

### FUEL TANK CAPACITY

Open Skid	lt	2000
Canopied	lt	2000

### WEIGHT

Open Skid	kg	7450
Canopied	kg	11750

### ENGINE

Manufacturer		CUMMINS
Origin		UK
Model		QST30-G4
Governor Type		Electronic/A1
Speed	rpm	1500
Net Stand-by Power	kWm	951
Net Prime Power	kWm	861
Cylinder number and config.		V-12
Bore/Stroke	mm	140X165
Displacement	lt	30.48
Compression ratio		14
Aspiration		Turbocharged & aftercooled
Cooling		Water Cooled
Electrical system	V	24
Fuel Consumption		
% 100 load	lt/h	202
% 75 load	lt/h	151
% 50 load	lt/h	102
Lub.Oil Capacity	lt	154
Coolant Capacity with radiator	lt	295

### ALTERNATOR

Manufacturer		MARELLI
Origin		ITALY
Model		MJB400MB4
Stand By Power	kVA	1155
Power Factor		0.8
Efficiency	%	95.3
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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