



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ400CM

GEN-SET POWER RATING

*Stand-by Power	kVA	400
**Prime Power	kVA	360

* 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	1200x3300x1855
Canopied	mm	1650x4500x2250

FUEL TANK CAPACITY

Open Skid	lt	447
Canopied	lt	650

WEIGHT

Open Skid	kg	3535
Canopied	kg	4250

ENGINE

Manufacturer		CUMMINS
Origin		UK
Model		NTA855-G4
Governor Type		Electronic/A1
Speed	rpm	1500
Net Stand-by Power	kWm	341
Net Prime Power	kWm	307
Cylinder number and config.		In line-6
Bore/Stroke	mm	140x152
Displacement	lt	14
Compression ratio		14
Aspiration		Turbocharged & aftercooled
Cooling		Water Cooled
Electrical system	V	24
Fuel Consumption		
% 100 load	lt/h	76
% 75 load	lt/h	57
% 50 load	lt/h	38
Lub.Oil Capacity	lt	38,6
Coolant Capacity with radiator	lt	59,8

ALTERNATOR

Manufacturer		MARELLI
Origin		ITALY
Model		MJB315MA4
Stand By Power	kVA	450
Power Factor		0,8
Efficiency	%	93,7
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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