



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ880CM

GEN-SET POWER RATING

*Stand-by Power	kVA	880
**Prime Power	kVA	800
* 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	1700x4350x2265
Canopied	mm	2438x6058x2700

FUEL TANK CAPACITY

Open Skid	lt	1500
Canopied	lt	1500

WEIGHT

Open Skid	kg	7000
Canopied	kg	11300

ENGINE

Manufacturer	CUMMINS	
Origin	UK	
Model	QSK23-G3	
Governor Type	Electronic/A1	
Speed	rpm	1500
Net Stand-by Power	kWm	747
Net Prime Power	kWm	682
Cylinder number and config.	In line-6	
Bore/Stroke	mm	170x170
Displacement	lt	23.15
Compression ratio	16	
Aspiration	Turbocharged & Air to Air Aftercooled	
Cooling	Water Cooled	
Electrical system	V	24
Fuel Consumption		
% 100 load	lt/h	189
% 75 load	lt/h	139
% 50 load	lt/h	97
Lub.Oil Capacity	lt	95
Coolant Capacity with radiator	lt	131.5

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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