



## TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ150CM

### GEN-SET POWER RATING

*Stand-by Power	kVA	145
**Prime Power	kVA	132
* 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	1000x2800x1490
Canopied	mm	1000x3250x1700

### FUEL TANK CAPACITY

Open Skid	lt	290
Canopied	lt	416

### WEIGHT

Open Skid	kg	1340
Canopied	kg	1980

### ENGINE

Manufacturer	CUMMINS	
Origin	UK	
Model	6CT8.3-G2	
Governor Type	Mechanical	
Speed	rpm	1500
Net Stand-by Power	kWm	130
Net Prime Power	kWm	117
Cylinder number and config.	In line-6	
Bore/Stroke	mm	114x135
Displacement	lt	8,3
Compression ratio	16,8	
Aspiration	Turbocharged	
Cooling	Water Cooled	
Electrical system	V	12
Fuel Consumption		
% 100 load	lt/h	30
% 75 load	lt/h	23
% 50 load	lt/h	15
Lub.Oil Capacity	lt	23,8
Coolant Capacity with radiator	lt	35

### ALTERNATOR

Manufacturer	MARELLI	
Origin	ITALY	
Model	MJB225LA4	
Stand By Power	kVA	145
Power Factor	0,8	
Efficiency	%	92,2
Number of Bearing	Single	
Leads Number	12	
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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