



TEKSAN DIESEL GENERATING SET

(230/400 V 50 Hz - 1500 rpm)

GEN-SET MODEL

TJ225CM

GEN-SET POWER RATING

*Stand-by Power

kVA

225

**Prime Power

kVA

202

* 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

1000x2800x1475

Canopied

mm

1000x4000x1950

FUEL TANK CAPACITY

Open Skid

lt

290

Canopied

lt

416

WEIGHT

Open Skid

kg

1695

Canopied

kg

2335

ENGINE

Manufacturer

CUMMINS

Origin

UK

Model

6CTAA8.3-G2

Governor Type

Mechanical

Speed

rpm

1500

Net Stand-by Power

kWm

193

Net Prime Power

kWm

173

Cylinder number and config.

In line-6

Bore/Stroke

mm

114x135

Displacement

lt

8,3

Compression ratio

16,8

Aspiration

Turbocharged & Charge
Air Cooled

Cooling

Water Cooled

Electrical system

V

24

Fuel Consumption

% 100 load

lt/h

46

% 75 load

lt/h

34

% 50 load

lt/h

23

Lub.Oil Capacity

lt

23,8

Coolant Capacity with radiator

lt

36,3

ALTERNATOR

Manufacturer

MARELLI

Origin

ITALY

Model

MJB250LA4

Stand By Power

kVA

240

Power Factor

0,8

Efficiency

%

93,2

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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