

DG Model 50 kVA CPCB2



Product photos are only for representation purpose

GENSET PARAMETERS

kVA [Prime]	50
kW [Prime]	40
Engine Make & Model	Mahindra & Mahindra Ltd. (4725 GMA C2)
Alternator Make	Leroy Somer
Phase	3 Phase
Voltage	415 V [3 - Phase]
Frequency / Engine Speed	50 Hz / 1500 rpm
Rated Current (A)	70 [3 - Phase]
Power Factor (p.f.)	0.8 (Lag)
Fuel Tank Capacity (Litre)	200
Noise Level	Genset with acoustic enclosure shall have average noise level of 75dBA at 1 meters distance as per stringent guidelines of Central Pollution Control Board, India
Conformance to Standards	ISO 8528

ENGINE PARAMETERS

Model	4725 GMA C2
Make	Mahindra & Mahindra Ltd.
Rated Engine power @100% Load (HP)	65.4
Cylinders	4
Aspiration	TCI
Displacement in CC	3192
Bore x Stroke in mm	94 x 115
Governing Class	Electronic
Total Lube Oil System Capacity in Litre	10
Radiator Coolant Capacity in Litre	12
Fuel	High Speed Diesel
Lube Oil Specification	SEA 15W40 CI4
Starting System [V]	12 V DC Electrical
Cooling System	Water cooled with Radiator

FUEL CONSUMPTION

Fuel Consumption @ 100 % Load [Prime]	12.4 Ltr./hr.
Fuel Consumption @ 75 % Load [Prime]	9.5 Ltr./hr.

LOGISTIC DATA

Dimensions [L x W x H] in mm	Silent Set : 2800 x 1150 x 1535 *
Approx. Net wet in Kg.	Silent Set : 1260

ALTERNATOR PARAMETERS

Make	Leroy Somer
Type	Brushless, Single Bearing, Self Excited
Voltage	415 V, 3 - Phase
Phase	3 - Phase
Frequency	50 Hz
Speed	1500 RPM
Voltage Regulation	+/- 1%
Insulation class	H
Ingress Protection	IP 23

CONTROL PANEL PARAMETERS

Control Panel Type	Manual control Panel with microprocessor based controller (Standard)/ AMF (Optional)
Controller Make & Type	Deep Sea Controller (4521/7320)
Protection Features offered by controller	Engine - High Water Temperature, Low Lube oil pressure, Low Fuel Level Electrical - Generator Under/ Over Voltage, Generator Under/ Over Frequency, Generator Over Current, Generator kW Overload

Note: Technical specifications are subjected to change without prior notice
* Height without silencer