

DG Model 20 kVA CPCB2



Product photos are only for representation purpose

GENSET PARAMETERS

kVA (Stand by)	20
kW (Stand by)	16
Engine Make & Model	Mahindra & Mahindra Ltd. (3285 GM C2)
Alternator Make	Leroy Somer
Phase	1- Phase / 3- Phase
Voltage	230 V, 1 - Phase / 415 V, 3 - Phase
Frequency / Engine Speed	50 Hz / 1500 rpm
Rated Current (A)	80 (1 - Phase)/26 (3 - Phase)
Power Factor (p.f.)	0.8 (Lag)
Fuel Tank Capacity (Litre)	75
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	3285 GM C2
Make	Mahindra & Mahindra Ltd.
Rated Engine power @100% Load (HP)	25.4
Cylinders	3
Aspiration	Naturally Aspirated
Displacement in CC	2048
Bore x Stroke in mm	89 x 110
Governing Class	Electronic
Total Lube Oil System Capacity in Litre	6.5
Radiator Coolant Capacity in Litre	5.5
Fuel	High Speed Diesel
Lube Oil Specification	SAE 15W40 CH4
Starting System (V)	12 V, Electrical
Cooling System	Water cooled with Radiator

FUEL CONSUMPTION

Fuel Consumption @ 100 % Load (Prime)	4.8 Litre/hrs.
Fuel Consumption @ 75 % Load (Prime)	3.6 Litre/hrs.

LOGISTIC DATA

Dimensions (L x W x H) in mm	Silent Set : 2000 x 980 x 1285
Approx. Net wet in Kg.	Silent Set : 800

ALTERNATOR PARAMETERS

Make	Leroy Somer
Type	Brushless, Single Bearing, Self Excited
Voltage	230 V, 1- Phase / 415 V, 3 - Phase
Phase	1 - 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