

## DG Model 10 kVA CPCB2



Product photos are only for representation purpose

### GENSET PARAMETERS

kVA (Prime)	10
KW (Prime)	8
Engine Make & Model	Mahindra & Mahindra Ltd. (2185 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)	43 [1- Phase] / 14 [3 - Phase]
Power Factor (p.f.)	0.8 (Lag)
Fuel Tank Capacity (Litre)	55
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	2185 GM C2
Make	Mahindra & Mahindra Ltd.
Rated Engine power @100% Load (HP)	16.3
Cylinders	2
Aspiration	Naturally Aspirated
Displacement in CC	1365
Bore x Stroke in mm	88.9 x 110
Governing Class	Electronic
Lubricant Capacity in Litre	6
Radiator Coolant Capacity in Litre	5.5
Fuel	High Speed Diesel
Lube Oil Specification	SAE 15W 40 CH4
Starting System (V)	12 V, Electrical
Cooling System	Water cooled with Radiator

### FUEL CONSUMPTION

Fuel Consumption @ 100 % Load (Prime)	2.9 Litre/hrs.
Fuel Consumption @ 75 % Load (Prime)	2.4 Litre/hrs.

### LOGISTIC DATA

Dimensions (L x W x H) in mm	Silent Set : 1800 x 900 x 1300
Approx. Net wet in Kg.	Silent Set : 650

### 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