

DG Model 30 kVA CPCB2 (Stand by)



Product photos are only for representation purpose

GENSET PARAMETERS

kVA (Stand by)	30
kW (Stand by)	24
Engine Make & Model	Mahindra & Mahindra Ltd. (3385 TCIGM 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)	130 (1 - Phase) / 42 (3 - Phase)
Power Factor (p.f.)	0.8 (Lag)
Fuel Tank Capacity (Litre)	115
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	3385 TCIGM C2
Make	Mahindra & Mahindra Ltd.
Rated Engine power @100% Load (HP)	37 HP
Cylinders	3
Aspiration	TCI
Displacement in CC	1892
Bore x Stroke in mm	89 x 102
Governing Class	Electronic
Total Lube Oil System Capacity in Litre	7
Radiator Coolant Capacity in Litre	9.5
Fuel	High Speed Diesel
Lube Oil Specification	SEA 15W40 CI14
Starting System (V)	12 V DC Electrical
Cooling System	Water cooled with Radiator

FUEL CONSUMPTION

Fuel Consumption @ 100 % Load (Prime)	7.3 Ltr./hr.
Fuel Consumption @ 75 % Load (Prime)	5.5 Ltr./hr.

LOGISTIC DATA

Dimensions (L x W x H) in mm	Silent Set : 2500 x 1030 x 1330
Approx. Net wet in Kg.	Silent Set : 920

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