

DG Model 100 kVA



Product photos are only for representation purpose

GENSET PARAMETERS

kVA (Prime)	100
kW (Prime)	80
Engine Make & Model	Mahindra mPower (mPower 41265G)
Alternator Make	Leroy Somer
Phase	3 - Phase
Voltage	415 V, 3 - Phase
Frequency / Engine Speed	50 Hz / 1500 rpm
Rated Current (A)	139 (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	mPower 41265G
Make	Mahindra mPower
Rated Engine power @100% Load (HP)	126
Cylinders	4
Aspiration	TCA
Displacement in CC	4.8
Bore x Stroke in mm	105 x 137
Governing System	G2 as per ISO 8528 Part V
Total Lube Oil System Capacity in Litre	13.5
Radiator Coolant Capacity in Litre	19
Fuel	High Speed Diesel
Lube Oil Specification	15W40 API CI4+
Starting System (V)	12 V DC Electrical
Cooling System	Water cooled with Radiator

FUEL CONSUMPTION

Fuel Consumption @ 100 % Load (Prime)	23.1 Ltr./hr.
Fuel Consumption @ 75 % Load (Prime)	17.3 Ltr./hr.

LOGISTIC DATA

Dimensions (L x W x H) in mm	Silent Set : 3200 x 1200 x 1600
Approx. Net wet in Kg.	Silent Set : 1750

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