

PARAMETERS	DG MODELS
Genset Prime Rating (kVA) *	125
Duty (Standby/ Prime)	Prime
Power Rating @ 100% kWe (in KW)	100
No. of Phases	3 Phase
Output Voltage (V)	415V
Power Factor (lagging)	0.8
Current (A)	174
Frequency (Hz) & RPM	50/1500
Governing Class	G2 as per ISO 8528 part 5
Genset dimensions (L x W x H) in mm	3750 x 1300 x 1700
Genset Weight (Kg) Approx.	2250
Engine Specification	
Make	Mahindra
Power Output# (Kw)	114.7
Aspiration	TCI
No. of cylinders	6
Bore x Stroke (mm)	105 x 137
Displacement (Lit)	7118
Fuel consumption @ 75% load (kg/hr) **	20
Fuel consumption @ 100% load (kg/hr)**	25
Starting system	24 V DC Electrical
Lube oil specification	Maximile CNG Plus
Total lubrication system capacity	20.2 Ltr
Lube oil consumption @ full load\$	0.15% of FC
Lube oil change period (hrs.)	500
Radiator coolant capacity (liter)	24
Alternator	
Make	CG/LS
Enclosure Type	IP 23
Voltage regulation	+/- 1% with 4% engine Governing
Class of insulation	Class H
Maximum Unbalanced Load across Phases	25%

Above specifications are subject to changed without notice due to continuous technical development

* A tolerance of +/- 5% will applicable on declared power values

** Genset Height is without silencer

***A tolerance of +5% shall be applicable on fuel consumption values on account of product to product variation due to engine & +3% of tolerance due to alternator product to product variations