

PARAMETERS	DG MODELS
Genset Prime Rating (kVA) *	15
Duty (Standby/ Prime)	Prime
Power Rating @ 100% kWe (in KW)	12
No. of Phases	1 Ph / 3 Ph
Output Voltage (V)	230 / 415
Power Factor (lagging)	0.8
Current (A)	65.2/20.9
Frequency (Hz) & RPM	50/1500
Governing Class	G2
Genset dimensions (L x W x H) in mm	1875 X 1000 X 1195
Genset Weight (Kg) Approx.	765
Engine Specification	
Make	Mahindra
Model	mGreen3235NGC4+
Power Output# (Kw)	16.7/23
Aspiration	NA
No. of cylinders	3
Bore x Stroke (mm)	88.9 X 110
Displacement (Ltr)	2.05
Cooling System	Liquid Cooled
Fuel consumption @ 75% load (kg/hr) **	2.4
Fuel consumption @ 100% load (kg/hr)**	3.1
Starting system	12 V DC Electrical
Air Cleaner	Dry Type
Lube oil specification	Maximile CNG Plus
Total lubrication system capacity	6.5
Lube oil consumption @ full load\$	0.15% of Fuel consumption
Lube oil change period (hrs.)	500
Radiator coolant capacity (liter)	5.5
Alternator	
Make	CG/LS/STAMFORD
Enclosure Type	IP 23
Voltage regulation	+/- 1% with 4% engine Governing
Class of insulation	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 be 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

