PARAMETERS		DG MODELS
Duty (Standby/ Prime)		Prime
50 HZ PRIME	Rating(kVA)	40 kVA
	Rated(kWe)	32
	Engine Model	4575 TCIGM-C2
No of Phases		1/3
No of Cylinders		4
Output Voltage (V)		230V/415V
Current (A) (1Phase / 3Phase)		173.9 / 55.7
Power Factor (lagging)		0.8
Frequency (Hz)/ RPM		50/1500
Governing class		A1
Starting system		12 V DC Elec
Fuel Tank Capacity (lits)		115
Genset Dimension (LxWxH $$) (mm) Approx.		3 Phase :- 2000 X 980 X 1280 1 Phase :- 2200 X 980 X 1280
Genset Weight (Kg), Appx		3 Phase :- 985 1 Phase :- 1051
Make		Mahindra
Power Output# (HP)		57
Aspiration		Turbocharged & Intercooled
No of Cylinders		4
Bore x Stroke (mm)		88.9 X 110
Displacement (cc)		2731
Fuel consumption @ 75% load (lit/hr) ^		7.3
Fuel consumption @ 100% load (lit/hr) ^		9.9
Lube oil specification		SAE15W40 CI4
Total Lube Oil capacity (lit)		10.5
Lube Oil Consumtion (lit/hr) $		0.15% of Fuel Consumption
Lube oil change period (hrs.)		300 hrs. for Oil Top Up 600 hrs. for Oil change
Radiator coolant capacity (liter)		9.5
Alternator		
Enclosure Type		CG/LS
Enclosure Type		IP23
Voltage regulation		±1%
Class of insulation		Class H
Maximum Unbalanced Load across Phases		25%

All Specifications are at Standard NTP operating conditions
^ Considering 0.845 Specific Gravity of diesel, +5 % Tolerance

Engine Power at 110 % load
Fuel -High Speed diesel (HSD IS 1460:2005)
* Represent the Standby Ratings
$ Considering 0.89 Specific Gravity of Oil
Engine Power will have ± 5 % Tolerance
** For CG only 3 Phase Configuration available
$$Height Without Silencer