

PARAMETERS		DG MODELS
Duty (Standby/ Prime)		Prime
50 HZ PRIME	Rating(kVA)	75 kVA
	Rated(kWe)	60
	Engine Model	41035 GM-C2
No of Cylinders		4
Phase / Voltage (V)		3 / 415
Power Factor		0.8 (lagging)
Current (A)		104.4
Governing class		G2
Starting system		12 V DC Elec
Fuel tank capacity		180
Genset Dimension (LxWxH \$\$) (mm) Approx.		3000 X 1150 X 2135
Genset Weight (kg) approx.		1350
Rated Speed RPM		50/1500
<b>Engine Specification</b>		
Make / Series		Mahindra
Power Output# (HP)		103
Aspiration		Turbocharged Intercooled
Bore x Stroke (mm)		96 x 122
Displacement (Lit)		3532
Fuel consumption @ 75% load (lit/hr) ^		13.5
Fuel consumption @ 100% load (lit/hr) ^		17.8
Lube oil specification		SAE15W40 CI4
Total lubrication system capacity (lit)		10
Lube Oil Consumption (lit/hr) \$		0.1% of Fuel Consumption
Lube oil change period (hrs.)		300 hrs. for Oil Top Up 600 hrs. for Oil change
Radiator coolant capacity (liter)		19
<b>Alternator</b>		
Make		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**