

PARAMETERS		DG MODELS
Duty (Standby/ Prime)		Prime
50 HZ PRIME	Rating(kVA)	62.5 kVA
	Rated(kWe)	50
	Engine Model	4905GMAC2
Power Factor (lagging)		0.8
Governing class		G2
Starting system		12 V DC Elec
Intergrated Fuel Tank Capacity (lits)		185
Genset Dimension (LxWxH \$\$) (mm) Approx.		2400 X 1050 X 1523
Genset Weight (Kg), Appx		1293
Make		Mahindra
Power Output# (HP)		90
Aspiration		Turbocharged & Intercooled
No of Cylinders		4
Bore x Stroke (mm)		96 x 122
Displacement (cc)		3532
Fuel consumption @ 75% load (lit/hr) ^		11.3
Fuel consumption @ 100% load (lit/hr) ^		15.3
Lube oil specification		SAE15W40 CI4
Total Lube Oil 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)		15
<b>Alternator</b>		
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