

PARAMETERS		DG MODELS	
Duty (Standby/ Prime)		Stand By	Prime
50 HZ PRIME	Rating(kVA)	15 kVA	15 kVA
	Rated(kWe)	12	12
	Engine Model	2205 GM C2	3255 GM C2
No of Cylinders		2	3
No of Phases		1/3	1/3
Output Voltage (V)		230/415	230/415
Power Factor (lagging)		0.8	0.8
Current (A) (1Phase / 3Phase)		65.2/20.9	65.2/20.9
Frequency (Hz)/ RPM		50/1500	50/1500
Governing class		A1	A1
Starting system		12 V DC electrical	12 V DC electrical
Fuel tank capacity		55	75
Genset Dimension (LxWxH \$\$\$) (mm) Approx.		1700 X 900 X 1250	1875 X 900 X 1287
Genset Weight (Kg), Appx		673	738
Engine Specification			
Make / Series		Mahindra mPower	
Power Output# (HP)		20	25
Aspiration		Naturally Aspirated	Naturally Aspirated
Bore x Stroke (mm)		88.9 X 120	88.9 X 110
Displacement (Lit)		1490	2048
Fuel consumption @ 75% load (lit/hr) ^		2.7	3
Fuel consumption @ 100% load (lit/hr) ^		3.6	3.8
Lube oil specification		SAE15W40 CH4	SAE15W40 CH4
Total lubrication system capacity (lit)		6	6.5
Lube Oil Consumption (lit/hr) \$		0.15% of Fuel Consumption	0.15% of Fuel Consumption
Lube oil change period (hrs.)		300 hrs. for Oil Top Up 600 hrs. for Oil change	300 hrs. for Oil Top Up 600 hrs. for Oil change
Radiator coolant capacity (liter)		5.5	5.5
Alternator			
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