

PARAMETERS		DG MODELS	
Duty (Standby/ Prime)		Prime	Stand By
50 HZ PRIME	Rating(kVA)	30 kVA	30 kVA
	Rated(kWe)	24	24
	Engine Model	3445TCIGM-C2	3385 ELSTCGMC2
No of Phases		1/3	1/3
No of Cylinders		3	3
Output Voltage (V)		230V/415V	230V/415V
Current (A) (1Phase / 3Phase)		130.4/ 41.7	130.4/ 41.7
Power Factor (lagging)		0.8	0.8
Frequency (Hz)/ RPM		50/1500	50/1500
Governing class		A1	A1
Starting system		12 V DC Elec	12 V DC Elec
Fuel Tank Capacity (lits)		115	115
Genset Dimension (LxWxH \$\$) (mm) Approx.		3 Phase :- 2000 X 980 X 1280 1 Phase :- 2200 X 980 X 1280	3 Phase :- 2000 X 980 X 1280 1 Phase :- 2200 X 980 X 1280
Genset Weight (Kg), Appx		3 Phase :- 935 1 Phase :- 1026	3 Phase :- 935 1 Phase :- 1026
Make		Mahindra	Mahindra
Power Output# (HP)		44	38.6
Aspiration		Turbocharged & Intercooled	Turbocharged
No of Cylinders		3	3
Bore x Stroke (mm)		88.9 X 110	88.9 X 120
Displacement (cc)		2048	2235
Fuel consumption @ 75% load (lit/hr) ^		5.7	-
Fuel consumption @ 100% load (lit/hr) ^		7.3	-
Lube oil specification		SAE15W40 CI4	SAE15W40 CI4
Total Lube Oil capacity (lit)		7	7
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)		9.5	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