TECHNICAL SPECIFICATIONS

PARAMETERS	DG MODELS
Duty (Standby/ Prime)	Stand By(Prime)
Rating(kVA) 50 HZ PRIME	30 kVA
Rated(kWe)50 HZ PRIME	24
Engine Model 50 HZ PRIME	3385 ELSTCGMC2
No of Phases	1/3
No of Cylinders	3
Output Voltage (V)	230V/415V
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 :- 935 1 Phase :- 1026
Make	Mahindra
Power Output# (HP)	44
Aspiration	Turbocharged & Intercooled
No of Cylinders	3
Bore x Stroke (mm)	88.9 X 110
Displacement (cc)	2048
Fuel consumption @ 75% load (lit/hr) ^	5.7
Fuel consumption @ 100% load (lit/hr) ^	7.3
Lube oil specification	SAE15W40 CI4
Total Lube Oil capacity (lit)	7
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	
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