

TECHNICAL SPECIFICATIONS

PARAMETERS	DG MODELS
Duty (Standby/ Prime)	Prime
Rating(kVA) 50 HZ PRIME	50 kVA
Rated(kWe)50 HZ PRIME	40
Engine Model 50 HZ PRIME	4725GMAC2
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	1258
Make	Mahindra
Power Output# (HP)	72
Aspiration	Turbocharged & Intercooled
No of Cylinders	4
Bore x Stroke (mm)	94 x 115
Displacement (cc)	3192
Fuel consumption @ 75% load (lit/hr) ^	9.5
Fuel consumption @ 100% load (lit/hr) ^	12.4
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)	12
ALTERNATOR	
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