

| PARAMETERS | | DG MODELS |
|--|--------------|----------------------------|
| Duty (Standby/ Prime) | | Prime |
| 50 HZ PRIME | Rating(kVA) | 100 kVA |
| | Rated(kWe) | 80 |
| | Engine Model | mPower41265G |
| No of Cylinders | | 4 |
| Phase / Voltage (V) | | 3 / 415 |
| Power Factor | | 0.8 (lagging) |
| Current (A) | | 139 |
| Governing class | | G2 |
| Starting system | | 12 V DC Elec |
| Fuel tank capacity | | 250 |
| Genset Dimension (LxWxH \$\$) (mm) Approx. | | 3500 x 1230 x 1425 |
| Genset Weight (kg) approx. | | 1650 |
| Rated Speed RPM | | 50/1500 |
| Engine Specification | | |
| Make / Series | | Mahindra mpower |
| Power Output# (HP) | | 126 |
| Aspiration | | Turbocharged Aftercooled |
| Bore x Stroke (mm) | | 105 x 137 |
| Displacement (Lit) | | 4800 |
| Fuel consumption @ 75% load (lit/hr) ^ | | 17.3 |
| Fuel consumption @ 100% load (lit/hr) ^ | | 23.1 |
| Lube oil specification | | SAE 15W40CI4+ |
| Total lubrication system capacity (lit) | | 13.5 |
| Lube Oil Consumption (lit/hr) \$ | | < 0.1% of Fuel Consumption |
| Lube oil change period (hrs.) | | 500 |
| Radiator coolant capacity (liter) | | 19 |
| Alternator | | |
| Make | | CG/LS/Stamford/Equivalent |
| 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**