

# 30kVA MGM Premium Diesel Generator Mark 12



Prime power: 24KW/30KVA

Standby power: 26KW/33KVA

**Reliable and Excellent Value**

**12<sup>th</sup> Generation of Improvement**

**Made from High Quality Materials**

**For House, Construction, Resort and etc.**

Genset comes with:

- 3-phase & Single-Phase output socket.
- MCCB with Shunt Trip Coil Function.
- Brass Coated Grounding Rod.
- Anti-Vibration Pads Affixed between Engine Alternator feet and Base Frame.
- Rubber Diagonal Isolators: Reduce Engine and Alternator Vibration and to Prevent Distortion in the Voltage and Harmonic Output of Generator.
- Control System: Uses SmartGen or Deep Sea Electronics.

Optional Add-on:

- Auto Transfer Switch (ATS)
  - o Function as Auto Start & Change Over upon mains power failure.
- Oversight Module
  - o Control Genset using IOS or Android OS.

Assembly:

- The engine and alternator are closed coupled by means of an SAE flange.
- A full torsional analysis has been carried out to guarantee no harmful vibration will occur.
- Anti-vibration pads are affixed between engine alternator feet and the base frame.
- Rubber diagonal isolators are specially designed to reduce engine and alternator vibration and prevent distortion in the voltage and harmonic output of the generator.
- All iron and steel surfaces of canopy fabrications have been treated for coating by grit blast cleaning.
- Then covered by a polyester powder paint which provides an excellent corrosion resistance surface.

#### MAIN SPECIFICATIONS OF GENERATOR SET

Generator Type	Canopy
Length (mm)	2288
Width (mm)	950
Height (mm)	1280
Weight (kg)	1052

#### MAIN SPECIFICATIONS OF ENGINE

Engine Model	YD4102D
Type	Vertical In Line, 4 Stroke, Direct Injection
Number of Cylinders	4
Intake Type	Natural Aspiration
Bore x Stroke (mm)	102
Compression Ratio	18
Displacement (litre)	3.857
Rated Power (kW)	33kW
Rated Speed (rpm)	1500
Fuel Consumption (l/h, based on 75% load)	6.8
Cooling System	Water Cooled
Starting Method	Electric Starting
Net Weight (kg)	320
Steady Regulation %	≤4
Exhaust Temperature (°C)	<610

#### MAIN SPECIFICATIONS OF ALTERNATOR

Model	LK184G
Continuous Output	24kW/30kVA
Standby Output	26.4kW/33kVA
Voltage	240V/415V
Frequency (Hz)	50
Speed (rpm)	1500
Power Factor	0.8
Phase	3 Phase (4 Wire)
Winding Leads	12
Waveform Distortion	No Load <1.5%
Altitude	<1000m

\* Standby Power is allowed for 1 hour per 12 hours running \*

## Durian Orchard



## Dusun Rimbung Homestay

