MG

PRIME POWER: 500KVA

500KVA MGM PREMIUM GENERATOR

MARK 15

RELIABLE AND EXCELLENT VALUE 15TH GENERATION OF IMPROVEMENT MADE FROM HIGH QUALITY MATERIALS FOR HOME, CONSTRUCTIONS, RESORTS AND ETC.

MAIN SPECIFICATIONS

GENERATOR SET

Generator Type	Canopy
Length (mm)	4570
Width (mm)	1520
Height (mm)	2300
Weight (kg)	5510

ENGINE

Engine Model	CUMMINS KTA19-G3A
Type	Vertical In Line
Number of Cylinders	6
Intake Type	Turbocharged
Bore x Stroke (mm)	159 x 159
Compression Ratio	14.5:1
Displacement (lite)	18.9
Rated Speed (rpm)	1500
Speed Governor	Electrical
Cooling System	Water Cooled
Starter Motor (V)	DC 24V
Max Water Temperature	104˚C
Exhaust Gas Temperature	600˚C
Fuel Consumption (l/h) (75%)	82

ALTERNATOR

Model	STAMFORD S5L1D-D41
Exciter Type	Brushless, SelfExcitation
Voltage	240V/415V
Frequency (Hz)	50
Speed (rpm)	1500
Power Factor	0.8
Phase	3 Phase (4 Wire), Y type
Voltage Regulations	˜0.5
Protection Grade	IP 23
Altitude	<1000m

Optional:
Plug & Play Automatic Transfer Switch

GENSET INCLUDES:

- Includes 3-phase
- 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
- Oversight Module: Control & Monitor Genset using IOS or Andriod OS
- External Fuel Tank Connector Available

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.