



GENERATORS

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Gauteng
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Model: 40kVA 3 PHASE

POWER DATA

Voltage	Prime Power		Standby Power		Standby AC	No. of Phase
	kva	kw	kva	kw	Amps Per Phase	
220/380V	40	32	44.0	35.2	66.8	3
230/400V	40	32	44.0	35.2	63.5	3
240/415V	40	32	44.0	35.2	61.2	3
254/440V	40	32	44.0	35.2	57.7	3

ENGINE DATA

Model	K4100ZD1	Compression Ratio	19:01
Governor Type	Mechanical	Oil Capacity (L)	11
Speed	1500rpm	Electrical System	12V
Prime Power (kw)	42	Coolant Capacity (L)	20
Standby Power (kw)	45	Fuel Consump. (100%load)(L/HR)	8
Cylinder No. & Config.	4 in Line	Fuel Tank Capacity (L)	166
Bore x Stroke	100 x 115	Cooling	Water Cooled
Displacement	3.26	Aspiration	Turbo

ALTERNATOR DATA

Manufacturer	Marathon or Stamford	Voltage (V)	220/380
Origin	U.S	Voltage Accuracy	± 1%
Model	GM-32-4 / WHI-32-4	Frequency	50Hz
Capacity (kva)	40	Insulation Class	H
Power Factor	0.8	Protection Rate	IP23
Efficiency	88%	Excitation System	Brushless, AVR
Bearing Number	Single	Connection Type	Y
Leads Number	12		

OVERALL DIMENSIONS & WEIGHT

OPEN TYPE

Genset Size (mm) (L x W x H)
 1650 x 800 x 1650

Net Weight (kg)
 760

SILENT TYPE

Genset Size (mm) (L x W x H)
 2200 x 900 x 1200

Net Weight (kg)
 1300

SILENT TYPE

Genset Size (mm) (L x W x H)
 2170 x 1010 x 1500

Net Weight (kg)



KEY FEATURES

1. Durable 4100 Series Engine
2. Single Bearing Marathon Type Alternator
3. ATS & AMF
4. Four Protection Device Equipped
5. Anti-Vibration Mountings
6. Main Line Circuit Breaker
7. Factory Test Certificate
8. Noise Level @7m (db): 80 (Silent Type)

STANDARD CONTROL SYSTEM

The Standard control system is based on the advanced smartgen HGM6220 Electronic Digital Controller.

This Provides for the manual and automatic remot start of generator with a LCD digital display of:

1. Coolant Temperature
2. Oil Pressure
3. Volts, Amps, Power Factor & Frequency
4. Engine Operation Hours
5. Over Current Protection
6. Under, Over Volt Protection
7. Over Temperature Protection
8. Over Speed, Low Oil Pressure Protection

