



GENERATORS

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Gauteng
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Model: 150kVA 3 PHASE

POWER DATA

Voltage	Prime Power		Standby Power		Standby AC	No. of Phase
	kva	kw	kva	kw	Amps Per Phase	
220/380V	150.0	120.0	165.0	132.0	250.7	3
230/400V	150.0	120.0	165.0	132.0	238.2	3
240/415V	150.0	120.0	165.0	132.0	299.6	3
254/440V	150.0	120.0	165.0	132.0	216.5	3

ENGINE DATA

Manufacturer	R Series (British Ricardo)	Compression Ratio	17.0:1
Origin	British	Oil Capacity (L)	24.0
Model	R6113ZLD	Electrical System	24V
Governor Type	Electronic	Coolant Capacity (L)	28.0
Speed	1500rpm	Fuel Consump. (100%load)(L/HR)	38.0
Prime Power (kw)	132.0	Fuel Tank Capacity (L)	507.0
Standby Power (kw)	145.0	Cooling	Water Cooled
Cylinder No. & Config.	6 in Line	Aspiration	Turbo

ALTERNATOR DATA

Manufacturer	Marathon or Stamford	Voltage (V)	220/380
Origin	U.S	Voltage Accuracy	± 1%
Model	MP-120-4/WHI-120-4	Frequency	50Hz
Capacity (kva)	150.0kVa	Insulation Class	H
Power Factor	0.8	Protection Rate	IP23
Efficiency	88%	Excitation System	Brushless, AVR
Bearing Number	Single	Connection Type	Star
Leads Number	12		

OVERALL DIMENSIONS & WEIGHT

Genset Size (mm) (L x W x H)	3200 x 1200 x 1950
Net Weight (kg)	2000



KEY FEATURES

1. Durable British Ricardo Series Engine
2. Single Bearing Marathon Type or Stamford 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): 90

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

