



GENERATORS

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Gauteng
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Model: 250kVA 3 PHASE

POWER DATA

Voltage	Prime Power		Standby Power		Standby AC	No. of Phase
	kva	kw	kva	kw	Amps Per Phase	
220/380V	250.0	200.0	275.0	220.0	417.8	3
230/400V	250.0	200.0	275.0	220.0	382.6	3
240/415V	250.0	200.0	275.0	220.0	369.9	3
254/440V	250.0	200.0	275.0	220.0	360.9	3

ENGINE DATA

Manufacturer	British Ricardo / Volvo / Perkins	Compression Ratio	16.0:1
Origin	British / UK	Oil Capacity (L)	24.0
Model	S6TA/D51	Electrical System	24V
Governor Type	Electronic	Coolant Capacity (L)	63.9
Speed	1500rpm	Fuel Consump. (100%load)(L/HR)	54.6
Prime Power (kw)	223.0	Fuel Tank Capacity (L)	590
Standby Power (kw)	248.0	Cooling	Water Cooled
Cylinder No. & Config.	6 in Line	Aspiration	Turbo
Bore x Stroke	126 x 130	Displacement	9.726

ALTERNATOR DATA

Manufacturer	Marathon or Stamford	Voltage (V)	220/380
Origin	U.S	Voltage Accuracy	± 1%
Model	NP-200-4/WHI-200-4	Frequency	50Hz
Capacity (kva)	250.0kVA	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)	3600 x 1200 x 2040
Net Weight (kg)	2800



KEY FEATURES

1. Durable British Ricardo / Volvo 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): 90

STANDARD CONTROL SYSTEM

The Standard control system is based on the advanced smartgen HGM7220 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

