



GENERATORS

www.vipergen.co.za

Kwa-Zulu Natal
 134 Shepstone Road
 New Germany, 3610
 Tel: 031-705 4104
 Fax: 031-705 4542
Gauteng
 75 Watt Street
 Meadowdale, 1614
 Tel: 011-974 0400
 Fax: 011-974 0554

Model: 125kVA 3 PHASE

POWER DATA

Voltage	Prime Power		Standby Power		Standby AC	No. of Phase
	kva	kw	kva	kw	Amps Per Phase	
220/380V	125.0	100.0	137.5	110.0	208.4	3
230/400V	125.0	100.0	137.5	110.0	198.5	3
240/415V	125.0	100.0	137.5	110.0	191.3	3
254/440V	125.0	100.0	137.5	110.0	180.6	3

ENGINE DATA

Manufacturer	Kofo R Series	Compression Ratio	17.0:1
Model	R6105IZLD	Oil Capacity (L)	24.0
Governor Type	Electronic	Electrical System	24V
Speed	1500rpm	Coolant Capacity (L)	28.0
Prime Power (kw)	120.0	Fuel Consump. (100%load)(L/HR)	38.0
Standby Power (kw)	132.0	Fuel Tank Capacity (L)	417.0
Cylinder No. & Config.	6 in Line	Cooling	Water Cooled
		Aspiration	Turbo

ALTERNATOR DATA

Manufacturer	Longen	Voltage (V)	220/380
Model	MP-120-4/WHI-129-4	Voltage Accuracy	± 1%
Capacity (kva)	125kVA	Frequency	50Hz
Power Factor	0.8	Insulation Class	H
Efficiency	88%	Protection Rate	IP22
Bearing Number	Single	Excitation System	Brushless, AVR
Leads Number	12	Connection Type	Star

OVERALL DIMENSIONS & WEIGHT

Genset Size (mm) (L x W x H)	2950 x 1050 x 1650
Net Weight (kg)	2000



KEY FEATURES

1. Durable Kofo R Series Engine
2. Single Bearing Longen 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): 70

STANDARD CONTROL SYSTEM

The Standard control system is based on the advanced smartgen HGM7220 Electronic Digital Controller. This Provides for the manual and automatic remote 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

