



# GENERATORS

[www.vipergen.co.za](http://www.vipergen.co.za)

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## Model: 30kVA 3 PHASE

### POWER DATA

Voltage	Prime Power		Standby Power		Standby AC	No. of Phase
	kva	kw	kva	kw	Amps Per Phase	
220/380V	30.0	24.0	33.0	26.4	50.1	3
230/400V	30.0	24.0	33.0	26.4	47.6	3
240/415V	30.0	24.0	33.0	26.4	45.9	3
254/440V	30.0	24.0	33.0	26.4	43.3	3

### ENGINE DATA

Manufacturer	R Series British Ricardo	Compression Ratio	17:01
Origin	British	Oil Capacity (L)	13
Model	K4100DS	Electrical System	12V
Governor Type	Mechanical	Coolant Capacity (L)	18
Speed	1500rpm	Fuel Consump. (100%load)(L/HR)	7
Prime Power (kw)	30.1	Fuel Tank Capacity (L)	154
Standby Power (kw)	33.1	Cooling	Water Cooled
Cylinder No. & Config.	4 in Line	Aspiration	Natural
Bore x Stroke (mm)	100x115	Displacement (L)	2.67

### ALTERNATOR DATA

Manufacturer	Stamford	Voltage (V)	220/380
Origin	U.S	Voltage Accuracy	± 1%
Model	WHI-184F	Frequency	50Hz
Capacity (kva)	30KVA	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)	2210 x 900 x 1230
Net Weight (kg)	980



## KEY FEATURES

1. Durable KOFO Engine (copy of British Ricardo)
2. Single Bearing Stamford 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

## 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

