



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: 375kVA 3 PHASE

POWER DATA

Voltage	Prime Power		Standby Power		Standby AC	No. of Phase
	kva	kw	kva	kw	Amps Per Phase	
220/380V	375.0	300.0	413.0	330.0	569.8	3
230/400V	375.0	300.0	413.0	330.0	541.3	3
240/415V	375.0	300.0	413.0	330.0	521.7	3

ENGINE DATA

Manufacturer	135 R Series (British Ricardo)	Compression Ratio	16.0:1
Origin	British	Oil Capacity (L)	50.0
Model	WD145TAD33L	Electrical System	24V
Governor Type	Electronic	Coolant Capacity (L)	63.0
Speed	1500rpm	Fuel Consump. (100%load)(L/HR)	74.6
Prime Power (kw)	339.0	Fuel Tank Capacity (L)	1200
Standby Power (kw)	373.0	Cooling	Water Cooled
Cylinder No. & Config.	6 in Line	Aspiration	Turbo
Bore x Stroke	138 x 160	Displacement	14.5

ALTERNATOR DATA

Manufacturer	Marathon or Stamford	Voltage (V)	220/380
Origin	U.S	Voltage Accuracy	± 1%
Model	WH14FS	Frequency	50Hz
Capacity (kva)	375.0kVA	Insulation Class	H
Power Factor	0.8	Protection Rate	IP23
Efficiency	94.4%	Excitation System	Brushless, AVR
Bearing Number	Single	Connection Type	Star
Leads Number	12		

OVERALL DIMENSIONS & WEIGHT

Genset Size (mm) (L x W x H)	4000 x 1600 x 2350
Net Weight (kg)	4000



KEY FEATURES

1. Durable British Ricardo 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 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

