



GENERATORS

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Gauteng
 75 Watt Street
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Model: 40kVA 3 PHASE

POWER DATA

Voltage	Prime Power		Standby Power		Standby AC Amps Per Phase	No. of Phase
	kva	kw	kva	kw		
220/380V	40	32	44.0	35.2	66.8	3
230/400V	40	32	44.0	35.2	63.5	3
240/415V	40	32	44.0	35.2	61.2	3
254/440V	40	32	44.0	35.2	57.7	3

ENGINE DATA

Manufacturer	XINCHAI	Compression Ratio	18.5:1
Model	A498BZD	Oil Capacity (L)	6.5
Governor Type	Mechanical	Electrical System	12V
Speed	1500rpm	Coolant Capacity (L)	14.5
Prime Power (kw)	36	Fuel Consump. (100%load)(L/HR)	8.8
Standby Power (kw)	39.6	Fuel Tank Capacity (L)	144
Cylinder No. & Config.	4 in Line	Cooling	Water Cooled
Bore x Stroke	98 x 105	Aspiration	Turbo
Displacement	3.2		

ALTERNATOR DATA

Manufacturer	LONGEN	Voltage (V)	220/380
Model	WHI224C	Voltage Accuracy	± 1%
Capacity (kva)	42.5	Frequency	50Hz
Power Factor	0.8	Insulation Class	H
Efficiency	88%	Protection Rate	IP23
Bearing Number	Single	Excitation System	Brushless, AVR
Leads Number	12	Connection Type	Y

OVERALL DIMENSIONS & WEIGHT

Genset Size (mm) (L x W x H)	2150 x 900 x 1250
Net Weight (kg)	980



KEY FEATURES

1. Durable XINCHAI Engine
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 (Silent Type)

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

