



GENERATORS

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Gauteng
 75 Watt Street
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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	24	33.0	26.2	49.8	3
230/400V	30	24	33.0	26.2	47.3	3
240/415V	30	24	33.0	26.2	45.6	3
254/440V	30	24	33.0	26.2	43	3

ENGINE DATA

Manufacturer	XINCHAI	Compression Ratio	18.5:1
Model	A498BD	Oil Capacity (L)	6.5
Governor Type	Mechanical	Electrical System	12V
Speed	1500rpm	Coolant Capacity (L)	14.5
Prime Power (kw)	32.0	Fuel Consump. (100%load)(L/HR)	6.6
Standby Power (kw)	35.2	Fuel Tank Capacity (L)	140
Cylinder No. & Config.	4 in Line	Cooling	Water Cooled
Bore x Stroke (mm)	98 x 105	Aspiration	Natural
		Displacement (L)	3.2

ALTERNATOR DATA

Manufacturer	LONGEN	Voltage (V)	380
Model	WHI-184G	Voltage Accuracy	± 1%
Capacity (kva)	31.3kva	Frequency	50Hz
Power Factor	0.8	Insulation Class	H
Efficiency	86%	Protection Rate	IP23
Bearing Number	Single	Excitation System	Brushless, AVR
Leads Number	12	Connection Type	Star

OVERALL DIMENSIONS & WEIGHT

Genset Size (mm) (L x W x H)	2150 x 900 x 1250
Net Weight (kg)	920





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

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

