



GENERATORS

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Gauteng
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Model: 60kVA 3 PHASE

POWER DATA

Voltage	Prime Power		Standby Power		Standby AC Amps Per Phase	No. of Phase
	kva	kw	kva	kw		
220/380V	60	48	66.0	52.8	100.3	3
230/400V	60	48	66.0	52.8	95.3	3
240/415V	60	48	66.0	52.8	91.8	3
254/440V	60	48	66.0	52.8	86.6	3

ENGINE DATA

Model	A4K41ZD	Compression Ratio	18.5:1
Governor Type	Electronic	Oil Capacity (L)	6.5
Speed	1500rpm	Electrical System	12V
Prime Power (kw)	59	Coolant Capacity (L)	18
Standby Power (kw)	64.8	Fuel Consump. (100%load)(L/HR)	13.5
Cylinder No. & Config.	4 in Line	Fuel Tank Capacity (L)	200L
Bore x Stroke	105 x 118	Cooling	Water Cooled
Displacement	4.1	Aspiration	Turbo

ALTERNATOR DATA

Manufacturer	LONGEN	Voltage (V)	220/380
Model	WHI224E	Voltage Accuracy	± 1%
Capacity (kva)	62.5	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)	2350 x 1000 x 1460
Net Weight (kg)	1260



KEY FEATURES

1. Durable A4K41ZD Series 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

