



GENERATORS

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Model: 250kVA 3 PHASE SYNCHRONISE

POWER DATA

Voltage	Prime Power		Standby Power		Standby AC	No. of Phase
	kva	kw	kva	kw	Amps Per Phase	
220/380V	250.0	200.0	275.0	220.0	417.8	3
230/400V	250.0	200.0	275.0	220.0	382.6	3
240/415V	250.0	200.0	275.0	220.0	369.9	3
254/440V	250.0	200.0	275.0	220.0	360.9	3

ENGINE DATA

Manufacturer	SDEC	Compression Ratio	16.5:1
Model	SC9D340D2	Oil Capacity (L)	25.0
Governor Type	Electronic	Electrical System	24V
Speed	1500rpm	Coolant Capacity (L)	43.0
Prime Power (kw)	228.0	Fuel Consump. (100%load)(L/HR)	53.6
Standby Power (kw)	255.0	Fuel Tank Capacity (L)	580
Cylinder No. & Config.	6 in Line	Cooling	Water Cooled
Bore x Stroke	114 x 144	Aspiration	Turbo
		Displacement	8.820

ALTERNATOR DATA

Manufacturer	LONGEN	Voltage (V)	220/380
Model	WHI274K	Voltage Accuracy	± 1%
Capacity (kva)	250.0kVA	Frequency	50Hz
Power Factor	0.8	Insulation Class	H
Efficiency	93%	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) Net 3500 x 1200 x 2040
 Weight (kg) 2820



KEY FEATURES

1. Durable SDEC "D" Series Engine
2. Single Bearing Stamford Copy Type Alternator
3. ATS & AMF
4. Four Protection Device Equipped
5. Anti-Vibration Mountings
6. Main Line ACB 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 HGM9510N Synchronizing 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

