



GENERATORS

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Model: 125kVA 3 PHASE

POWER DATA

Voltage	Prime Power		Standby Power		Standby AC Amps Per Phase	No. of Phase
	kva	kw	kva	kw		
220/380V	125.0	100	138	110	208.4	3
230/400V	125.0	100	138	110	198.5	3
240/415V	125.0	100	138	110	191.3	3
254/440V	125.0	100	138	110	180.6	3

ENGINE DATA

Manufacturer	SDEC	Compression Ratio	16.0:1
Model	SC4H180D2	Oil Capacity (L)	13.0
Governor Type	Electronic	Electrical System	24V
Speed	1500rpm	Coolant Capacity (L)	28.1
Prime Power (kw)	120	Fuel Consump. (100%load)(L/HR)	24
Standby Power (kw)	132	Fuel Tank Capacity (L)	250
Cylinder No. & Config.	4 in Line	Cooling	Water Cooled
Displacement	4.3L	Aspiration	Turbo

ALTERNATOR DATA

Manufacturer	COPY STAMFORD	Voltage (V)	220/380
Model	WHI274ES	Voltage Accuracy	± 1%
Capacity (kva)	125	Frequency	50Hz
Power Factor	0.8	Insulation Class	H
Efficiency	92.2%	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	2800 x 1050 x 1700
Weight (kg)	1660



KEY FEATURES

1. Durable SDEC "H" Series Engine
2. Single Bearing Copy 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): 85

STANDARD CONTROL SYSTEM

The Standard control system is based on the advanced smartgen HGM7220N 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

