



## SUITABLE FOR

- Hotels
- Restaurants
- Guest Houses
- Apartments

MODEL SH110RS		Power rating	
Rated Voltage(v)	400/230V	<b>Prime</b>	<b>Standby</b>
Rated Frequency(Hz)	50Hz	80KW	88KW
Power factor(COSΦ)	0.8	100KVA	110KVA
Rated Current		144A	159A

Voltage available 380/220v 400/230v 415/240v

## Features



**ATS** Original Factory Installed  
Automatic Transfer /  
Change-over  
**AMF** Automatic Main Failure



Original Factory Fitted  
**CANOPY**  
to International  
Standard



**SmartGen**  
ideas for power  
Generator Control Module  
from Smartgen



**STAMFORD**  
power generation  
Integrated with EUROPEAN  
ENGINES



**RICARDO**  
Integrated with EUROPEAN  
ENGINES



Advanced power factor  
correction for  
Inductive & capacitive loads



Vacuum Circuit Breaker Able to  
withstand 11KV & above



Copper Alloy Radiator

**110 KVA**  
**88 KW**

INDUSTRIAL  
**CONTINUOUS**  
POWER GENERATOR

Powered by  
**RICARDO ENGINE**

General Information	Model	SH110S-RS
	Engine	Ricardo
	Alternator	Stamford
	Speed Control type	Speed Control type
	Phase	Three Phase
	Fuel Tank Capacity	300L
	System Voltage	24VDC
	Frequency	50Hz
	Engine coolant flow	10.9ltr/sec
	Air intake flow	1.6ltr/sec
	Exhaust air flow	112ltr/sec
	Exhaust Temperature	≤600°C
	Maintenance free battery	

Engine	Maximum output(kw)	86KW
	Number of Cylinders	Six
	Aspiration	Naturally
	Cycle	Four
	Fuel Type	Diesel
	Combustion Type	Direct Injection
	Cooling Type	Water Cooled
	Bore	105mm
	Stroke	125mm
	Displacement	3.76ltr
	Compression Ratio	<251.6g/kw.h
	Lubrication Capacity	25Ltr
	Coolant Capacity	15Ltr

Alternator	Model	Stamford UCI274C
	Insulation	Clase "H"
	Excitation Type	Self-excitation or PMG
	Protection class	IP23

Certificate	Engine	ISO 3046, BS 5514, DIN 6271	Prime Power: Ratings are as per DIN 6271, BS55114 and ISO-3046 with 10% overload capacity Standby Power: Power available at variable load for upto a max. of 500hrs during one year of which 300hrs for continuous use
	Alternator	UTE NFC 51-111-105-110	
		ICE34-1, BS 5000-4999	
		NEMA MG 21, VDE 0530	
	Generator Set	ISO 8528	
Operation at Altitude ≤1500m, Ambient temperature ≤ 40°C. If the altitude is higher than 1500m, each 100m will cause additional de-rating 1%.			