



Generator Set Technical Specification Sheet

Model: ES5000 SHHPI

General Features:

	3 Phase	1 Phase
Emergency standby power	kVA kW	4.97 kVA 4.47 kW
Continuous power	kVA kW	4.10 kVA 3.69 kW
Power factor	Cosfi	0.9 cosfi
Nominal voltage	Volt	230 I
Nominal frequency	Hz	50
Alternator connections		Single Phase

Referring to conditions as DIN6271, altitude 100m above sea level, temperature 27°C, humidity 60%

Engine:

Brand / Model		Honda GX 270 VERS
Type / Stroke		Petrol / 4 stroke
Number of cylinders / Configuration		1 Vertical
Cubic capacity	cc	270
Aspiration		Natural
Cooling system		Air
Starting system / voltage		Recoil
RPM	rpm	3000
Horsepower Continuous DIN 6270B	kW	6.3
Horsepower Standby DIN 70020	kW	6.9
Oil capacity	Litres	1.1
Fuel consumption 75% load	Litres/h	1.63
Protection		Oil-guard. Thermal protection.

Alternator:

Brand / Model		Mecc Alte AR1-130/2
Number of poles / rpm		2 pole / 3000 rpm
Voltage / Frequency	Volts / Hz	230 I / 50
Nominal power	kVA	4.1
Power factor	Cosfi	0.9
Active power	kW	3.69
Efficiency @ 75% load		71.5%
Maximum overload		10% for 1 hour in every 6 hours of operation
Voltage regulator		Capacitor

Overall Dimensions & Weight:

Length	mm	729
Width	mm	500
Height	mm	515
Weight	kg	61.0
Fuel tank capacity	Litres	11
Run time on full tank of fuel	h	6.7
Noise level @ 7m	dB(A)	72