



Generator Set Technical Specification Sheet

Model: ES 8000 SHHPI

General Features:

	3 Phase	1 Phase
Emergency standby power	kVA kW	7.15 kVA 6.44 kW
Continuous power	kVA kW	6.08 kVA 5.47 kW
Power factor	Cosφ	0.9 Cosφ
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 390
Type / Stroke	Petrol / 4 stroke
Number of cylinders / Configuration	1 Vertical
Cubic capacity	cc 389
Aspiration	Natural
Cooling system	Air
Starting system / voltage	Recoil
RPM	rpm 3000
Horsepower Continuous DIN 6270B	kW 8.3
Horsepower Standby DIN 70020	kW 9.1
Oil capacity	Litres 1.1
Fuel consumption 75% load	Litres/h 2.15
Protection	Oil-guard. Thermal protection.

Alternator:

Brand / Model	Mecc Alte AR2-110/2
Number of poles / rpm	2 pole / 3000 rpm
Voltage / Frequency	Volts / Hz 230 I / 50
Nominal power	kVA 6.5
Power factor	Cosφ 0.9
Active power	kW 5.85
Efficiency @ 75% load	77.5%
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 76
Fuel tank capacity	Litres 11
Run time on full tank of fuel	h 5.1
Noise level @ 7 mtrs	dB(A) 73