



Generator Set Technical Specification Sheet

Model: S 4500 SYEDI

General Features:

	3 Phase	1 Phase
Maximum - LTP	kVA kW	3.79 kVA 3.41 kW
Continuous power - COP	kVA kW	3.22 kVA 2.90 kW
Power factor	Cosfi	0.9 cosfi
Nominal voltage	Volt	230 I
Nominal frequency	Hz	50
Alternator connections		Single Phase
Battery Charger	12 Volt cb	10 Amp cb

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

Engine:

Brand / Model	Yanmar / L 70
Type / Stroke	Diesel / 4 stroke
Number of cylinders / Configuration	1 Vertical
Cubic capacity	cc 296
Aspiration	Natural
Cooling system	Air
Starting system / voltage	Electric / 12
RPM	rpm 3000
Horsepower	kW 4.8
Oil capacity	Litres 1.1
Fuel consumption 75% load	Litres/h 1.02

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%
Maximum overload	10% for 1 hour in every 6 hours of operation
Voltage regulator	Capacitor

Overall Dimensions & Weight:

Length	mm 810
Width	mm 450
Height	mm 500
Weight	kg 84
Fuel tank capacity	Litres 3.5
Run time on full tank of fuel	h 3.4
Noise level @ 7 mtrs	dB(A)