



## Generator Set Technical Specification Sheet

**Model:**                **S 6500 SYEDI**

**General Features:**

	3 Phase	1 Phase
Emergency standby power	kVA kW	<b>5.87</b> kVA <b>5.28</b> kW
Continuous power	kVA kW	<b>4.81</b> kVA <b>4.33</b> kW
Power factor	Cosfi	<b>0.9</b> Cosfi
Voltage	Volt	<b>230 I</b>
Frequency	Hz	<b>50</b>
Alternator connections		<b>Single Phase</b>
Batter Charger	<b>12</b> Volt	<b>10</b> Amp

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

**Engine:**

Brand / Model	<b>Yanmar / L100</b>
Type / Stroke	<b>Diesel / 4 stroke</b>
Number of cylinders / Configuration	<b>1 / Vertical</b>
Cubic capacity	cc <b>406</b>
Aspiration	<b>Natural</b>
Cooling system	<b>Air cooled</b>
Starting system	Volts <b>Electric / 12</b>
RPM	rpm <b>3000</b>
Horsepower	kW <b>6.9</b>
Oil capacity	Litres <b>1.4</b>
Fuel consumption 75% load	Litres/h <b>1.41</b>

**Alternator:**

Brand / Model	<b>Mecc Alte AR2 90/2</b>
Number of poles / rpm	<b>2 pole / 3000 rpm</b>
Voltage / Frequency	Volts / Hz <b>230 I / 50</b>
Nominal power	kVA <b>5.5</b>
Power factor	Cosfi <b>0.9</b>
Active power	kW <b>4.95</b>
Efficiency @ 75% load	<b>76.5%</b>
Maximum overload	<b>10% for 1 hour in every 6 hours of operation</b>
Voltage regulator	<b>Capacitor</b>

**Overall Dimensions & Weights:**

Length	mm <b>830</b>
Width	mm <b>490</b>
Height	mm <b>570</b>
Weight	kg <b>105</b>
Fuel tank capacity	Litres <b>5.5</b>
Run time on full tank of fuel	h <b>3.9</b>
Noise level @ 7 mtrs	dB(A)