



## Generator Set Technical Specification Sheet

**Model: S 12000 SHEPI**

**General Features:**

	3 Phase	1 Phase
Emergency standby power	kVA kW	<b>11.93</b> kVA <b>10.73</b> kW
Continuous power	kVA kW	<b>10.00</b> kVA <b>9.00</b> kW
Power factor	Cosφ	<b>0.9</b> Cosφ
Nominal voltage	Volt	<b>230 I</b>
Nominal frequency	Hz	<b>50</b>
Alternator connections	<b>Single Phase</b>	

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

**Engine:**

Brand / Model		<b>Honda GX 620</b>
Type / Stroke		<b>Petrol / 4 stroke</b>
Number of cylinders / Configuration		<b>V Twin</b>
Cubic capacity	cc	<b>614</b>
Aspiration		<b>Natural</b>
Cooling system		<b>Air</b>
Starting system / voltage		<b>Electric / 12</b>
RPM	rpm	<b>3000</b>
Horsepower	kW	<b>13.5</b>
Oil capacity	Litres	<b>1.8</b>
Fuel consumption 75% load	Litres/h	<b>3.5</b>

**Alternator:**

Brand / Model		<b>Mecc Alte MR-2 200/2</b>
Number of poles / rpm		<b>2 pole / 3000 rpm</b>
Voltage / Frequency	Volts / Hz	<b>230 I / 50</b>
Nominal power	kVA	<b>10.0</b>
Power factor	Cosφ	<b>0.9</b>
Active power	kW	<b>9.0</b>
Efficiency @ 75% load		<b>80%</b>
Maximum overload		<b>10% for 1 hour in every 6 hours of operation</b>
Voltage regulator		<b>Capacitor</b>

**Overall Dimensions & Weight:**

Length	mm	<b>830</b>
Width	mm	<b>490</b>
Height	mm	<b>570</b>
Weight	kg	<b>135</b>
Fuel tank capacity	Litres	<b>11.0</b>
Run time on full tank of fuel	h	<b>2.9</b>
Noise level @ 7 mtrs	dB(A)	