



## Generator Set Technical Specification Sheet

**Model: S 5000 SHEPI**

**General Features:**

|                         | 3 Phase           | 1 Phase                           |
|-------------------------|-------------------|-----------------------------------|
| Emergency standby power | kVA<br>kW         | <b>4.97</b> kVA<br><b>4.47</b> kW |
| Continuous power        | kVA<br>kW         | <b>4.10</b> kVA<br><b>3.69</b> kW |
| Power factor            | Cosfi             | <b>0.9</b> cosfi                  |
| Nominal voltage         | Volt              | <b>230 I</b>                      |
| Nominal frequency       | Hz                | <b>50</b>                         |
| Alternator connections  |                   | <b>Single Phase</b>               |
| Battery Charger         | <b>12</b> Volt cb | <b>10</b> Amp cb                  |

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

**Engine:**

|                                     |                          |
|-------------------------------------|--------------------------|
| Brand / Model                       | <b>Honda GX 270</b>      |
| Type / Stroke                       | <b>Petrol / 4 stroke</b> |
| Number of cylinders / Configuration | <b>1 Vertical</b>        |
| Cubic capacity                      | cc <b>270</b>            |
| Aspiration                          | <b>Natural</b>           |
| Cooling system                      | <b>Air</b>               |
| Starting system / voltage           | <b>Electric / 12</b>     |
| RPM                                 | rpm <b>3000</b>          |
| Horsepower Continuous DIN 6270B     | kW <b>6.3</b>            |
| Oil capacity                        | Litres <b>1.1</b>        |
| Fuel consumption 75% load           | Litres/h <b>1.6</b>      |

**Alternator:**

|                       |   |
|-----------------------|---|
| Brand / Model         | <b>Mecc Alte AR1 130/2</b>                          |
| Number of poles / rpm | <b>2 pole / 3000 rpm</b>                            |
| Voltage / Frequency   | Volts / Hz <b>230 I / 50</b>                        |
| Nominal power         | kVA <b>4.1</b>                                      |
| Power factor          | Cosfi <b>0.9</b>                                    |
| Active power          | kW <b>3.69</b>                                      |
| Efficiency @ 75% load | <b>71%</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>832</b>      |
| Width                         | mm <b>513</b>      |
| Height                        | mm <b>570</b>      |
| Weight                        | kg <b>60.0</b>     |
| Fuel tank capacity            | Litres <b>18.0</b> |
| Run time on full tank of fuel | h <b>11.0</b>      |
| Noise level @ 7 mtrs          | dB(A) <b>73</b>    |