



<b>Genset Model</b>	<b>ARP15</b>
<b>Prime Output (KVA/KW)</b>	<b>15/12</b>

### Technical Data

<b>Engine Model</b>	<b>403A-15G2</b>	<b>Compression Ratio</b>	<b>22.5:1</b>
<b>Prime Output (KW)</b>	<b>12</b>	<b>Displacement (Ltrs.)</b>	<b>1.496</b>
<b>BHP (Net)</b>	<b>-</b>	<b>Fuel</b>	<b>HSD</b>
<b>Cooling</b>	<b>Water Cooled</b>	<b>Governor</b>	<b>Mechanical</b>
<b>Aspiration</b>	<b>Naturally</b>	<b>Starting System</b>	<b>12V Electrical</b>
<b>No. Of Cylinder</b>	<b>4 Vertical InLine</b>	<b>Lube Oil System Capacity (Ltrs.)</b>	<b>6</b>
<b>RPM</b>	<b>1500</b>	<b>Over load capacity</b>	<b>10% for one hr with 12 hrs of operation</b>
<b>Bore (mm)</b>	<b>84</b>	<b>Coolant Capacity (Ltrs.)</b>	<b>6</b>
<b>Stroke (mm)</b>	<b>90</b>	<b>Exhaust Temp °C</b>	<b>680</b>

### Alternator

<b>Alternator Frame</b>	<b>HC4C</b>	<b>Class of insulation</b>	<b>Class H</b>
<b>Voltage</b>	<b>415 volts</b>	<b>Recommended cable size (Al Armoured)</b>	<b>-</b>
<b>RPM/Frequency</b>	<b>1500/50 Hz</b>	<b>Control Panel Enclosure</b>	<b>IP 55</b>
<b>No. Phases</b>	<b>3</b>	<b>Breaker Rating (Amps) (MCCB)</b>	<b>-</b>
<b>Power factor</b>	<b>0.8 (lag)</b>	<b>Fuel Tank capacity</b>	<b>40(Ltrs.)</b>
<b>Enclosure</b>	<b>IP 23</b>	<b>Fuel Consumption at 100 %</b>	<b>5 Liters/Hr</b>
<b>Voltage regulation (Max)</b>	<b>+ 1.5%</b>	<b>Rating (AH)</b>	<b>12V</b>

### Genset Dimensions and Weight

<b>Genset type</b>	<b>Length (mm)</b>	<b>Width (mm)</b>	<b>Height (mm)</b>	<b>Weight (Kg)</b>
<b>Open Type</b>	<b>1540</b>	<b>690</b>	<b>960</b>	<b>402</b>
<b>Silent Type</b>	<b>1740</b>	<b>890</b>	<b>1160</b>	<b>550</b>