AT OGiV 122000 L (12V 200Ah Battery)

Floating Life at 20°C designed for 12 years

Dimensions

![Dimensions diagram]

Specifications

<table>
<thead>
<tr>
<th>Nominal Voltage</th>
<th>12V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (20hr@25°<a href="mailto:C@1.8V">C@1.8V</a>/C)</td>
<td>204Ah</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
</tr>
<tr>
<td>Width</td>
</tr>
<tr>
<td>Height</td>
</tr>
<tr>
<td>Total Height</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Approx. Weight</th>
<th>62.5kg (137.8lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum charging current</td>
<td>60A</td>
</tr>
<tr>
<td>Maximum discharge current</td>
<td>1600A (5sec.)</td>
</tr>
<tr>
<td>Internal resistance (Fully charged, 25°C)</td>
<td>Approx. 3mΩ</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Capacity affected by temperature (10hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40°C</td>
</tr>
<tr>
<td>25°C</td>
</tr>
<tr>
<td>0°C</td>
</tr>
<tr>
<td>-15°C</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Self-discharge (25°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 month Remaining Capacity: 91%</td>
</tr>
<tr>
<td>6 month Remaining Capacity: 82%</td>
</tr>
<tr>
<td>12 month Remaining Capacity: 65%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nominal operating temperature</th>
<th>25°C ±3°C (77°F±5°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature range</td>
<td>-15°C ~ 50°C (5°F ~ 122°F)</td>
</tr>
<tr>
<td>Float charging voltage (25°C)</td>
<td>13.65 to 13.80V</td>
</tr>
<tr>
<td>Cyclic charging voltage (25°C)</td>
<td>14.50 to 14.90V</td>
</tr>
<tr>
<td>Terminal material</td>
<td>Copper</td>
</tr>
</tbody>
</table>

Constant Current Discharge Characteristics (Ampere / Battery, 25°C)

<table>
<thead>
<tr>
<th>F.V/TIME</th>
<th>5min</th>
<th>10min</th>
<th>15min</th>
<th>30min</th>
<th>1h</th>
<th>3h</th>
<th>5h</th>
<th>10h</th>
<th>20h</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.60V</td>
<td>650</td>
<td>430</td>
<td>370</td>
<td>210</td>
<td>130</td>
<td>55,0</td>
<td>38,2</td>
<td>20,3</td>
<td>10,4</td>
</tr>
<tr>
<td>10.2V</td>
<td>618</td>
<td>409</td>
<td>355</td>
<td>202</td>
<td>125</td>
<td>53,5</td>
<td>37,0</td>
<td>20,1</td>
<td>10,3</td>
</tr>
<tr>
<td>10.8V</td>
<td>580</td>
<td>384</td>
<td>337</td>
<td>192</td>
<td>119</td>
<td>52,4</td>
<td>36,3</td>
<td>20,0</td>
<td>10,2</td>
</tr>
</tbody>
</table>

Constant Power Discharge Characteristics (Watt / Battery, 25°C)

<table>
<thead>
<tr>
<th>F.V/TIME</th>
<th>5min</th>
<th>10min</th>
<th>15min</th>
<th>30min</th>
<th>1h</th>
<th>3h</th>
<th>5h</th>
<th>10h</th>
<th>20h</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.60V</td>
<td>6825</td>
<td>4644</td>
<td>4063</td>
<td>2356</td>
<td>1482</td>
<td>639</td>
<td>444</td>
<td>242</td>
<td>124</td>
</tr>
<tr>
<td>10.2V</td>
<td>6484</td>
<td>4421</td>
<td>3900</td>
<td>2262</td>
<td>1425</td>
<td>629</td>
<td>437</td>
<td>241</td>
<td>123</td>
</tr>
<tr>
<td>10.8V</td>
<td>6095</td>
<td>4147</td>
<td>3705</td>
<td>2149</td>
<td>1352</td>
<td>617</td>
<td>429</td>
<td>240</td>
<td>122</td>
</tr>
</tbody>
</table>

Valid from 07-2010