AGM Technology VRLA Battery

Specifications

<table>
<thead>
<tr>
<th>Nominal Voltage</th>
<th>12V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Capacity (20 hour rate)</td>
<td>17AH</td>
</tr>
</tbody>
</table>

**Dimension**

| Total Height (with terminals) | 167mm (6.57 inches) |
| Height | 167mm (6.57 inches) |
| Length | 181mm (7.13 inches) |
| Width | 77mm (3.03 inches) |
| Weight | Approx. 6.22kg (13.71 lbs) |

**Characteristics**

- **Capacity**
  - 77°F (25℃)
    - 20 hour rate (0.85A to 10.5Volts): 17AH
    - 10 hour rate (1.53A to 10.5Volts): 15.3AH
    - 5 hour rate (2.78A to 10.2Volts): 13.9AH

- **Internal Resistance**
  - Full charged Battery 77°F (25℃): 12mΩ

- **Capacity affected by Temperature (20 hour rate)**
  - 104°F (40℃): 102%
  - 77°F (25℃): 100%
  - 32°F (0℃): 85%
  - 5°F (-15℃): 65%

- **Self-Discharge 77°F (25℃)**
  - Capacity after 3 month storage: 91%
  - Capacity after 6 month storage: 82%
  - Capacity after 12 month storage: 64%

- **Standard Terminal**
  - M5

- **Max. Discharge Current 77°F (25℃)**
  - 300A (5s)

- **Cranking Performance**
  - Cranking Amps (30-sec ramps to 7.2V @ 0°F (0℃)): 148A
  - Cold Cranking Amps (30-sec ramps to 7.2V @ 0°F (-18℃)): 120A

- **Reserve Capacity (Minutes to 10.5V at 80°F (27℃))**
  - @ 25Amps: 20Min
  - @ 75Amps: -

- **Charging (Constant Voltage)**
  - Initial Charging Current 3.4A or Small 14.5V ~ 14.9V/77°F (25℃)

- **Constant Current Discharge Rating Amperes @ 77°F (25℃)**

<table>
<thead>
<tr>
<th>Cut off voltage V/cell</th>
<th>15M</th>
<th>30M</th>
<th>45M</th>
<th>1H</th>
<th>2H</th>
<th>3H</th>
<th>5H</th>
<th>8H</th>
<th>10H</th>
<th>12H</th>
<th>20H</th>
<th>24H</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.75V</td>
<td>25</td>
<td>16</td>
<td>12</td>
<td>9.4</td>
<td>5.2</td>
<td>3.8</td>
<td>2.7</td>
<td>1.8</td>
<td>1.53</td>
<td>1.30</td>
<td>0.85</td>
<td>0.71</td>
</tr>
</tbody>
</table>

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