GS BATTERY (U.S.A.) INC.
ENERGY STORAGE SOLUTIONS

The GS Battery SLR1000-2 is part of GS Battery’s complete line of rechargeable batteries and energy storage systems. These industry leading solutions include batteries in a variety of voltages including 2 volt, 4 volt, and 12 volt models to suit every energy storage application.

In addition, GS Battery’s energy storage solutions include a variety of battery chemistries including deep cycle Lead-Acid, advanced Lead-Carbon, robust and reliable Nickel-Cadmium and versatile Lithium-Ion. Energy storage solutions from GS Battery are designed and manufactured according to the most rigorous Japanese quality control standards to deliver extraordinary performance and exceptional long service life.
## ADVANCED LEAD DEEP CYCLE BATTERY

### SLR1000-2

### Battery Characteristics

<table>
<thead>
<tr>
<th>Terminal Type</th>
<th>Battery Type</th>
<th>Battery Capacity (10 HR)</th>
<th>Battery Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bolt (M10)</td>
<td>Advanced VRLA AGM</td>
<td>1000Ah</td>
<td>2 Volts</td>
</tr>
</tbody>
</table>

### Physical Characteristics (±3mm)

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length</th>
<th>Width</th>
<th>Case Height</th>
<th>Overall Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inches</td>
<td>11.30</td>
<td>6.50</td>
<td>18.43</td>
<td>19.41</td>
<td>147.71</td>
</tr>
<tr>
<td>mm</td>
<td>287</td>
<td>165</td>
<td>468</td>
<td>493</td>
<td>67</td>
</tr>
</tbody>
</table>

### Charge Retention

Graph showing the percentage of initial capacity retained over 12 months at various temperatures (40°C, 25°C, 10°C).

### Cycle Life vs. Depth of Discharge (+25°C/77°F)

Graph showing cycle life vs. depth of discharge at 50%, 60%, and 70%.

### Discharge Characteristics (DOD 70%, +25°C/77°F)

- **Terminal Voltage (V/Cell)**
  - 1 min: 2.2 V
  - 30 min: 2.0 V
  - 60 min: 1.8 V
  - 1 hr: 1.6 V
  - 10 hr: 1.4 V
  - 100 hr: 1.2 V

### Cycle Life Performance by Battery Temperature

Graph showing cycle life ratio (%) vs. battery temperature (°C).