SBS Wireless Modules
Individual Cell Monitors (Accessory for Compatible Battery Capacity Testers)

During capacity testing, the wireless modules measure each cell’s voltage and wirelessly send the data back to the paired load bank. All voltage values are displayed on the load bank’s LCD screen and listed in the test report, which is created with the computer software. Wireless modules make it easy to locate failed or problematic cells in the battery bank.

Features
- Real-time cell voltage measurement during discharge test
- Advanced technology that wirelessly communicates readings between modules and load bank
- Wide range for 1.2/2V or 2/6/12V battery applications
- One module supports voltage measurements for up to 4 cells
- Supports monitoring up to 120 cells/batteries in a single test
- Protective storage included

Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>SBS-2/6/12</th>
<th>SBS-1.2/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support Cell Voltage</td>
<td>2/6/12V</td>
<td>1.2/2V</td>
</tr>
<tr>
<td>Wires</td>
<td>Six (1 Red, 1 Black, 4 Yellow)</td>
<td>Five (4 Red, 1 Black)</td>
</tr>
<tr>
<td>Measure Voltage Range</td>
<td>0–16 V for each channel</td>
<td>0–5 V for each channel</td>
</tr>
<tr>
<td>Accuracy and Resolution</td>
<td>±0.5%, 0.01 V</td>
<td>±0.5%, 0.01 V</td>
</tr>
<tr>
<td>Dimensions / Weight</td>
<td>3.9 x 2.6 x 1.3 in. (100 x 65 x 32 mm) / 0.66 lb. (0.3 kg)</td>
<td></td>
</tr>
<tr>
<td>Operation Temp. / Storage Temp. / Humidity</td>
<td>23° to 122° F (−5° to 50° C) / −40° to 158° F (−40° to 70° C) / 5% – 95% RH</td>
<td></td>
</tr>
</tbody>
</table>
### Wireless Load Bank Module Kits Ordering Information

<table>
<thead>
<tr>
<th>Battery Type</th>
<th>DC Voltages of Systems to be Tested</th>
<th>Module Package(s) Required (Part No.)</th>
<th>Qty. of Modules (+2 spares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead Acid Only (2/6/12V)</td>
<td>12–125 Vdc, 12–250 Vdc</td>
<td>MODULE-2/6/12-15, MODULE-2/6/12-30</td>
<td>15, 30</td>
</tr>
<tr>
<td>NiCd/Single Cell LA Only (1.2/2V)</td>
<td>12–125 Vdc, 12–250 Vdc</td>
<td>MODULE-1.2/2-25, MODULE-1.2/2-30</td>
<td>25, 30</td>
</tr>
</tbody>
</table>

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**Connection Drawings**

**SBS-2/6/12**

*For Lead Acid Battery Monitoring*

**SBS-1.2/2**

*For Single-Cell Monitoring*

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**Monitoring 2Volt Cells with 2/6/12V Module**

**Monitoring 6 or 12V Blocks with 2/6/12V Module**

**Monitoring 1.2 or 2V Cells with 1.2/2V Module**

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**Wireless Load Bank Module Kits**

*Monitoring 2Volt Cells with 2/6/12V Module*:

1. **Module No. 1**: Battery No. 1, Battery No. 2, Battery No. 3, Battery No. 4

2. **Module No. 2**: Battery No. 5, Battery No. 6, Battery No. 7, Battery No. 8

*Monitoring 6 or 12V Blocks with 2/6/12V Module*:

1. **Module No. 1**: Battery No. 1, Battery No. 2, Battery No. 3, Battery No. 4

2. **Module No. 2**: Battery No. 5, Battery No. 6, Battery No. 7, Battery No. 8

*Monitoring 1.2 or 2V Cells with 1.2/2V Module*:

1. **Module No. 1**: Battery No. 1, Battery No. 2, Battery No. 3, Battery No. 4

2. **Module No. 2**: Battery No. 5, Battery No. 6, Battery No. 7, Battery No. 8

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**Connection Drawings**

*SBS-2/6/12*

*For Lead Acid Battery Monitoring*

*SBS-1.2/2*

*For Single-Cell Monitoring*