C&D 2-3000 LBT

VALVE REGULATED LEAD ACID BATTERY
FOR STANDBY POWER APPLICATIONS

APPLICATI ONS

- Telecom control system
- Uninterrupted Power Supply (UPS)
- Metro and assistant system
- Marine equipment
- Power plant and Nuclear Plant
- Hospital and medical equipment
- Well and storage back up power source
- Fire alarm applications
- Alarm and safety system

FEATURES

- 15 years design life
- 3 years warranty
- High quality design insurance
- Pb-Ca Alloy for positive plate grid
- Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance
- Lower self-discharge rate (about 3% per month @20°C)
- UL Certificate
- Flame retardant container materials
- Not restricted for surface transport - Classified as non-hazardous material as related to DOT-CFR Title 49 parts 171-189
- Not restricted for water transport - Classified as non-hazardous material per IMDG Amendment 27.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Cells Per Unit</th>
<th>Voltage Per Unit</th>
<th>Weight</th>
<th>Capacity (10hr rate, 1.80V)</th>
<th>Dimensions (L&quot;W&quot;H&quot; Total height mm)</th>
<th>Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2V</td>
<td>193 Kg</td>
<td>3000 Ah</td>
<td>710 351 340 383</td>
<td>0.3 (mΩ)</td>
</tr>
</tbody>
</table>

* All dimensions are in mm. All dimensions are for reference only. Contact a C&D Representative for complete dimensional information.
**SPECIFICATIONS**

| Operating Temperature Range with temperature compensation | Discharge: -20°C to 60°C  
| Charge: 0°C to 50°C  
| Storage: -20°C to 60°C |
| Nominal Operating Temperature Range | 25°C ± 5°C  
| Float Charging Voltage | 2.27 to 2.3 V per cell average at 25°C  
| Maximum Discharge Current | 9000A (5 Sec)  
| Maximum Charging Current | 600A  
| Equalization and Cycle Service Charging Voltage | 2.43 to 2.47 V per cell average at 25°C  
| Terminal: | Thread Inserted Terminal to accept M8 bolt  
| Container materials | ABS (UL-94 HB, UL-94 V0 optional) |

### Constant Power Discharge Table - Watts Per Cell @ 25°C (77°F)

<table>
<thead>
<tr>
<th>EPV</th>
<th>15min</th>
<th>30min</th>
<th>1hr</th>
<th>2hr</th>
<th>3hr</th>
<th>4hr</th>
<th>5hr</th>
<th>6hr</th>
<th>8hr</th>
<th>10hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.85</td>
<td>4312.8</td>
<td>3820.2</td>
<td>2780.5</td>
<td>1769.2</td>
<td>1355.8</td>
<td>1101.9</td>
<td>941.2</td>
<td>799.1</td>
<td>655.3</td>
<td>560.1</td>
</tr>
<tr>
<td>1.80</td>
<td>5057.4</td>
<td>4237.1</td>
<td>3008.2</td>
<td>1868.9</td>
<td>1423.2</td>
<td>1189.5</td>
<td>986.3</td>
<td>843.5</td>
<td>689.6</td>
<td>581.7</td>
</tr>
<tr>
<td>1.75</td>
<td>5843.1</td>
<td>4643.8</td>
<td>3190.0</td>
<td>1956.9</td>
<td>1484.6</td>
<td>1195.0</td>
<td>1019.4</td>
<td>853.6</td>
<td>700.9</td>
<td>603.2</td>
</tr>
<tr>
<td>1.70</td>
<td>6559.7</td>
<td>5153.4</td>
<td>3463.1</td>
<td>2067.4</td>
<td>1539.8</td>
<td>1258.2</td>
<td>1064.1</td>
<td>897.8</td>
<td>723.7</td>
<td>613.0</td>
</tr>
<tr>
<td>1.65</td>
<td>6944.0</td>
<td>5445.2</td>
<td>3527.4</td>
<td>2098.0</td>
<td>1563.7</td>
<td>1263.1</td>
<td>1073.6</td>
<td>919.2</td>
<td>735.0</td>
<td>622.7</td>
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<tr>
<td>1.60</td>
<td>7130.7</td>
<td>5474.4</td>
<td>3539.7</td>
<td>2128.7</td>
<td>1595.0</td>
<td>1282.1</td>
<td>1085.8</td>
<td>931.1</td>
<td>741.3</td>
<td>628.6</td>
</tr>
</tbody>
</table>

### Constant Current Discharge Table - Amps @ 25°C (77°F)

<table>
<thead>
<tr>
<th>EPV</th>
<th>15min</th>
<th>30min</th>
<th>1hr</th>
<th>2hr</th>
<th>3hr</th>
<th>4hr</th>
<th>5hr</th>
<th>6hr</th>
<th>8hr</th>
<th>10hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.85</td>
<td>2334.2</td>
<td>2006.4</td>
<td>1454.4</td>
<td>927.7</td>
<td>694.3</td>
<td>562.6</td>
<td>478.8</td>
<td>407.0</td>
<td>331.4</td>
<td>282.1</td>
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<tr>
<td>1.80</td>
<td>2759.9</td>
<td>2228.7</td>
<td>1574.1</td>
<td>981.5</td>
<td>730.2</td>
<td>610.5</td>
<td>502.7</td>
<td>430.2</td>
<td>348.8</td>
<td>302.5</td>
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<tr>
<td>1.75</td>
<td>3206.3</td>
<td>2446.8</td>
<td>1669.8</td>
<td>1029.4</td>
<td>760.1</td>
<td>616.5</td>
<td>520.7</td>
<td>436.1</td>
<td>354.7</td>
<td>308.3</td>
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<tr>
<td>1.70</td>
<td>3611.5</td>
<td>2718.9</td>
<td>1813.5</td>
<td>1089.3</td>
<td>802.0</td>
<td>652.4</td>
<td>544.6</td>
<td>459.3</td>
<td>366.3</td>
<td>314.1</td>
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<td>1.65</td>
<td>3873.2</td>
<td>2884.2</td>
<td>1849.4</td>
<td>1107.2</td>
<td>819.9</td>
<td>658.4</td>
<td>550.6</td>
<td>470.9</td>
<td>372.1</td>
<td>320.0</td>
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<tr>
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<td>4073.2</td>
<td>3003.9</td>
<td>1933.2</td>
<td>1149.1</td>
<td>855.9</td>
<td>682.3</td>
<td>574.6</td>
<td>482.6</td>
<td>389.5</td>
<td>325.6</td>
</tr>
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* All data shall be changed without prior notice. C&D reserves the right to explain and update the information contained hereinto.