## FEATURES

- Ultra-low internal resistance
- Highest power performance available
- Over 500,000 duty cycles
- Compact, rugged, fully enclosed splash proof design

## TYPICAL APPLICATIONS

- Automotive
- Industrial
- Telecommunications
- Transportation
- Uninterruptible Power Supplies (UPS)
- Wind turbines

## SPECIFICATION

### ELECTRICAL

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Capacitance</td>
<td>60 F</td>
</tr>
<tr>
<td>Maximum ESR&lt;sub&gt;dc&lt;/sub&gt;, initial</td>
<td>22 mΩ</td>
</tr>
<tr>
<td>Rated Voltage</td>
<td>16 V</td>
</tr>
<tr>
<td>Maximum Continuous Current</td>
<td>20 A</td>
</tr>
<tr>
<td>Leakage Current, maximum</td>
<td>25mA</td>
</tr>
</tbody>
</table>

### TEMPERATURE

- **Operating Temperature**: -40°C ~ 65°C
- **Storage Temperature**: -40°C ~ 70°C

### CELL VOLTAGE MANAGEMENT

CELL Voltage Management: ACTIVE

### PHYSICAL

- Mass, typical: 0.67 kg
- Power Terminals: M5 Thread
- Environmental Protection: IP54

### POWER & ENERGY

- Usable Specific Power: 2,400 W/kg
- Specific Energy, E<sub>max</sub>: 3.33 Wh/kg
- Stored Energy: 2.13 Wh

### LIFE

- **High Temperature**: (1500 hours)  
  - Capacitance: -20% of initial value,  
  - ESR: Within 2 times of initial value
- **Room Temperature**: (25°C)  
  - Capacitance: -20% of initial value,  
  - ESR: Within 2 times of initial value
- **Cycle Life**: 500,000 cycles (Cycle of charge/discharge from VR to 1/2VR)