## Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal voltage (V)</td>
<td>12</td>
</tr>
<tr>
<td>10m rate Constant Power (Typ) to 9.6V at 20°C (W/Block)</td>
<td>190</td>
</tr>
<tr>
<td>10m rate Constant Power (Typ) to 1.6V/cell at 20°C (W/Cell)</td>
<td>31.7</td>
</tr>
<tr>
<td>20-hr rate Capacity to 10.5V at 20°C (Ah)</td>
<td>5</td>
</tr>
<tr>
<td>10-hr rate Capacity to 10.8V at 20°C (Ah)</td>
<td>4.63</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (mm)</td>
<td>90 (+1)</td>
</tr>
<tr>
<td>Width (mm)</td>
<td>70 (+1)</td>
</tr>
<tr>
<td>Height (mm)</td>
<td>102 (+0.5)</td>
</tr>
<tr>
<td>Height over terminals (mm)</td>
<td>106 (+2)</td>
</tr>
<tr>
<td>Mass (kg)</td>
<td>1.85</td>
</tr>
</tbody>
</table>

### Terminal Type

FASTON - Quickfit / release (JST where stated) 6.35

### Operating Temperature Range

- Storage (in fully charged condition): -20°C to +60°C
- Charge: -15°C to +50°C
- Discharge: -20°C to +60°C

### Storage

Capacity loss per month at 20°C (% approx.) 3

### Case Material

- Standard: ABS (UL94:HB)
- FR version available: UL94:V0

### Charge Voltage

- Float charge voltage at 20°C (V)/Block: 13.65 (+1%)
- Float charge voltage at 20°C (V)/Cell: 2.725 (+1%)
- Float Chg voltage temp correction factor from std 20°C (mV): -3
- Cyclic (or Boost) charge Voltage at 20°C (V)/Block: 14.5 (+3%)
- Cyclic (or Boost) charge Voltage at 20°C (V)/Cell: 2.42 (+3%)
- Cyclic Chg voltage temp correction factor from std 20°C (mV): -4

### Charge Current

- Float charge current limit (A): No limit
- Cyclic (or Boost) charge current limit (A): 1.2675

### Maximum Discharge Current

- 1 second (A): 150
- 1 minute (A): 50

### Impedance

Measured at 1 kHz (mΩ): 25

### Design Life & Approvals

- EUROBAT Classification: Standard Commercial: 3 to 5 years
- Yuasa design life at 20°C (yrs): up to 5

### 3rd Party Certifications

- ISO9001 - Quality Management Systems
- UNDERWRITERS LABORATORIES Inc.

### Safety

**Installation**

Can be installed and operated in any orientation except permanently inverted.

**Handles**

Batteries must not be suspended by their handles (where fitted).

**Vent valves**

Each cell is fitted with a low pressure release valve to allow gases to escape and then reseal.

**Gas release**

VRLA batteries release hydrogen gas which can form explosive mixtures in the air. Do not place inside a sealed container.

**Recycling**

YUASA's VRLA batteries must be recycled at the end of life in accordance with local and national laws and regulations.