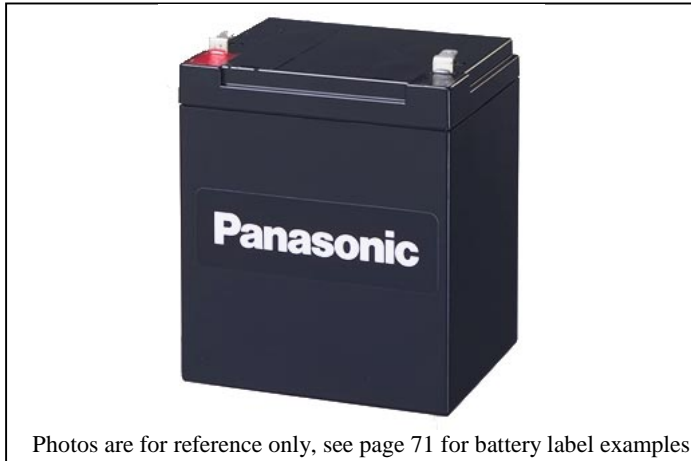


# INDIVIDUAL SPECIFICATIONS

## LC-RB124P(a) (LCR12V4BP)



Photos are for reference only, see page 71 for battery label examples.

(a) Add applicable codes for terminal type, destination country, etc. (see page 21)

### Specifications

|                                 |              |                            |
|---------------------------------|--------------|----------------------------|
| Nominal voltage                 |              | 12V                        |
| Nominal capacity (20 hour rate) |              | 4.0Ah                      |
| Dimensions inch (mm)            | Total height | 4.252 inch (108mm)         |
|                                 | Height       | 4.016 inch (102mm)         |
|                                 | Length       | 3.543 inch (90mm)          |
|                                 | Width        | 2.756 inch (70mm)          |
| Mass                            |              | Approx. 3.84 lbs. (1.74kg) |

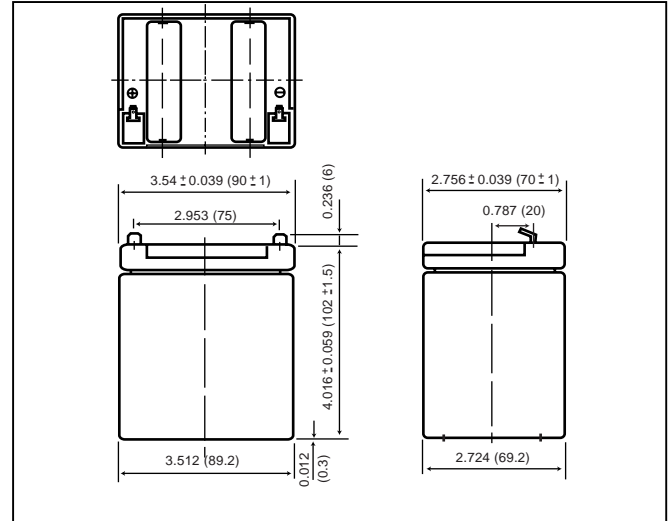
### Characteristics

|   |   |   |
|---|---|---|
| Capacity (note)<br>(77°F (25°C))                  | 20 hour rate (200mA)                              | 4.0Ah   |
|   | 10 hour rate (370mA)                              | 3.7Ah   |
| Internal resistance                               | 5 hour rate (660mA)                               | 3.3Ah   |
|   | 1 hour rate (2700mA)                              | 2.7Ah   |
|   | 1.5 hour rate discharge<br>Cut-off voltage 10.5 V | 1.9A  |
| Temperature dependency of capacity (20 hour rate) | Fully charged battery (77°F (25°C))               | Approx. 50mΩ  |
|   | 104°F (40°C)                                      | 102 %   |
|   | 77°F (25°C)                                       | 100 %   |
|   | 32°F (0°C)  | 85 %  |
| Self discharge (77°F (25°C))                      | 5°F (-15°C)                                       | 65 %  |
|   | Residual capacity after standing 3 months         | 91%   |
|   | Residual capacity after standing 6 months         | 82%   |
| Terminal  | Residual capacity after standing 12 months        | 64%   |
|   | AMP Faston tab (Type 187/250)                     |   |
|   | Charge Method (Constant Voltage)                  | Cycle use (Repeating use)                                 |
| Trickle use                                       |   | Control voltage 13.6 to 13.8 V (per 12V cell 77°F (25°C)) |

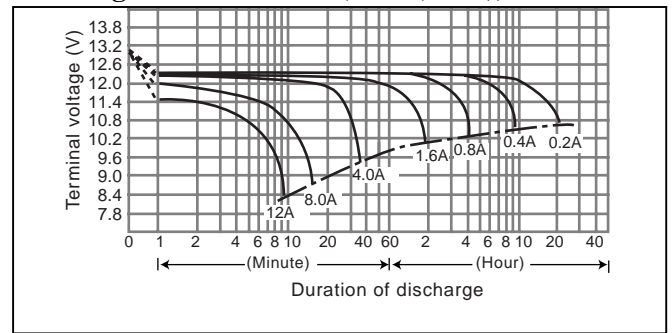
(Note) The above characteristics data are average values obtained within three charge/discharge Cycles not the minimum values.

\* This product adopts UL94HB-compliant resin as the material of the battery case. Product color is black. Optionally, type LC-VB124P(a) which adopts flame-retardant resin complying with UL94V-0 is also available. Product color is gray.

### Dimensions inch (mm)



### Discharge characteristics (77°F (25°C)) (note)



### Duration of discharge vs. Discharge current (note)

