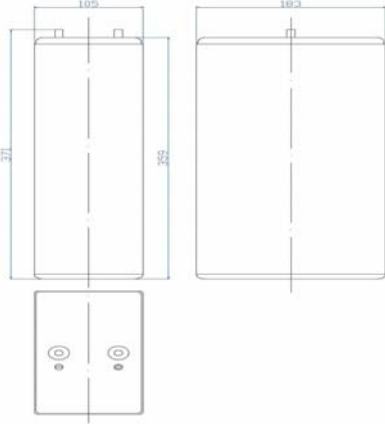


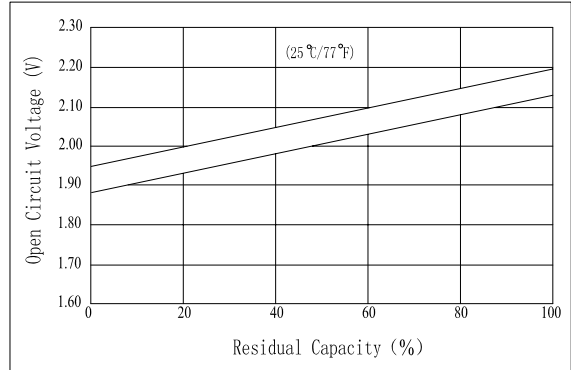


# FLL200

## Dimensions



## The Relationship for Open Circuit Voltage and Residual Capacity (25°C)

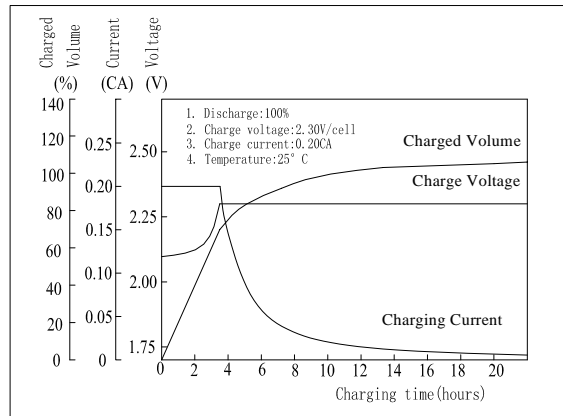


## Specifications

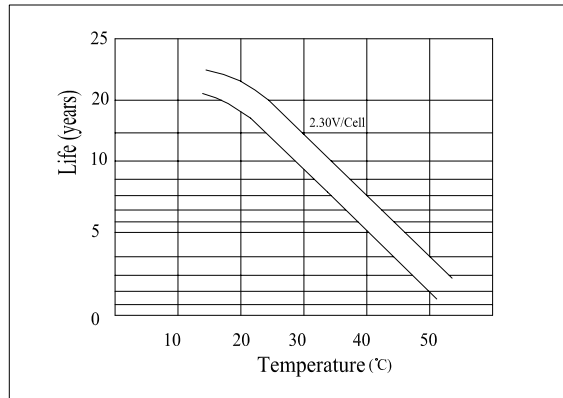
|   |              |                         |
|---|--------------|-------------------------|
| Nominal Voltage                         |              | 2 V                     |
| Capacity(10Hr, 20°C)                    |              | 200 Ah                  |
| Dimension                               | Length       | 183mm (7.20inch)        |
|   | Width        | 105mm (4.13inch)        |
|   | Height       | 359mm (14.13inch)       |
|   | Total Height | 371mm (14.60inch)       |
| Approx. Weight                          |              | 15.5kg (32.0lbs)        |
| Internal resistance                     |              | Approx. 0.70mΩ          |
| Capacity affected by temperature (10Hr) | 40°C         | 102%                    |
|   | 20°C         | 100%                    |
|   | 0°C          | 85%                     |
|   | -15°C        | 65%                     |
| Self-discharge (20°C)                   | 3 month      | Remaining Capacity: 91% |
|   | 6 month      | Remaining Capacity: 82% |
|   | 12 month     | Remaining Capacity: 65% |
| Operating temperature                   |              | 20°C ± 3°C (68°F ± 5°F) |
| Float charging voltage(25°C)            |              | 2.25 to 2.30V           |
| Cyclic charging voltage(25°C)           |              | 2.42 to 2.48V           |
| Maximum charging current                |              | 40A                     |
| Maximum discharge current               |              | 1500A(5 sec.)           |

- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ ABS FV0 container.

## Charging Characteristics(25°C)



## Temperature Affects On Floating Life



Note: Floating life at 20°C designed for 15 years.

## Constant Current Discharge Characteristics (A, 20°C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 3h   | 5h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-------|------|------|------|------|
| 1.60V    | 620  | 420   | 330   | 210   | 130   | 53.1 | 35.6 | 20.3 | 10.8 |
| 1.70V    | 589  | 399   | 317   | 202   | 126   | 52.3 | 35.0 | 20.1 | 10.7 |
| 1.80V    | 554  | 375   | 301   | 192   | 124   | 51.3 | 34.0 | 20.0 | 10.6 |

## Constant Power Discharge Characteristics (Watt, 20°C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 3h   | 5h   | 10h  | 20h  |
|----------|------|-------|-------|-------|-------|------|------|------|------|
| 1.60V    | 1085 | 756   | 604   | 393   | 247   | 103  | 74.0 | 40.4 | 21.5 |
| 1.70V    | 1031 | 718   | 580   | 377   | 237   | 102  | 72.9 | 40.0 | 21.3 |
| 1.80V    | 969  | 675   | 551   | 358   | 225   | 99.9 | 71.4 | 40.0 | 21.2 |