



# CHARACTERISTIC OF FLOODED RECHARGEABLE LEAD ACID BATTERY

**MODEL: SYB14L-A2**

**NO.:301020003-00329**

Container Color  
 ■ Cover:Black C  
 □ Bottom:White C

**Plane Chart:**

Unit:mm Terminal type:G3

**Parts:**

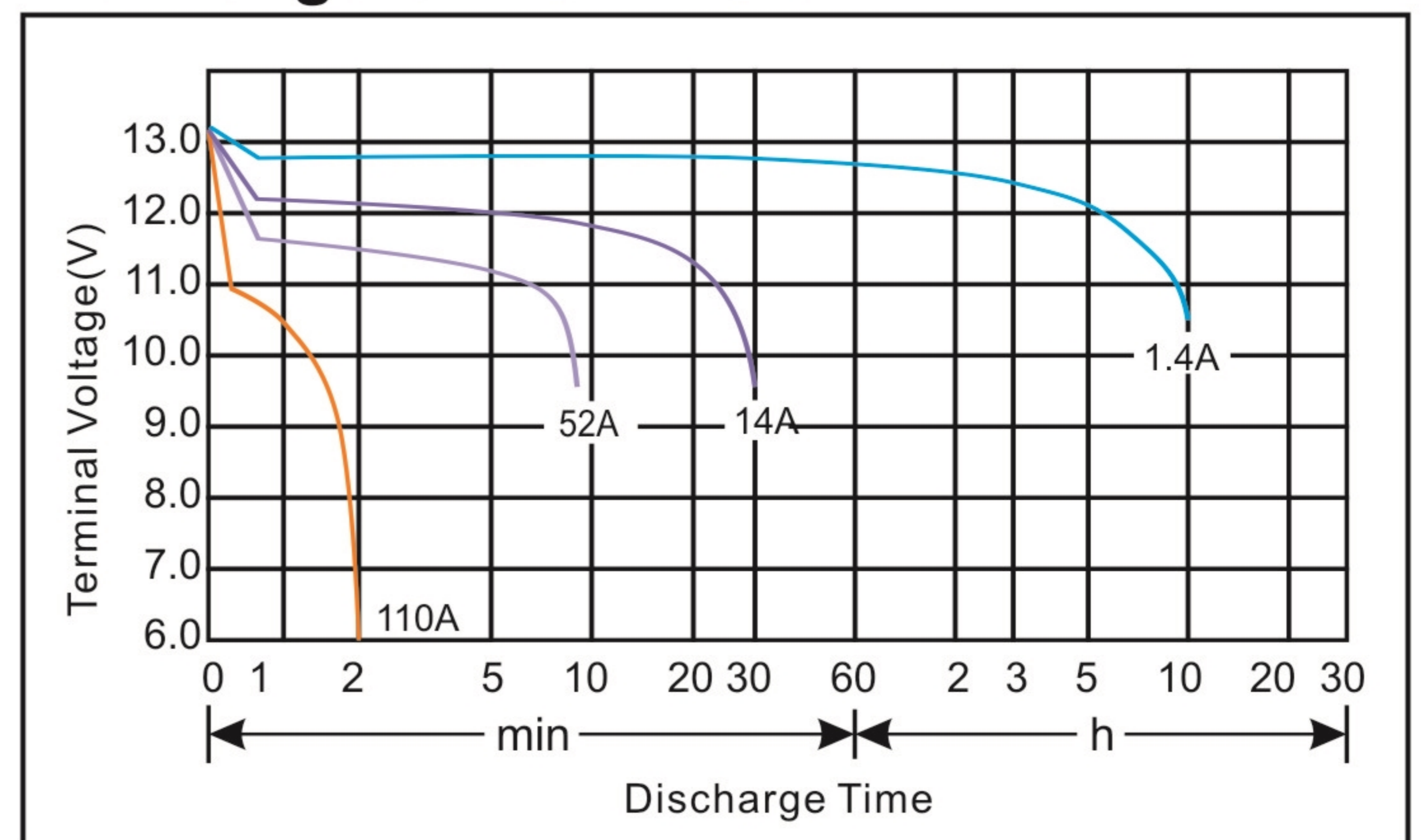
Executed Standard:JISD 5302-2004

| Cover | Container Bottom | Terminal | Positive Plate   | Negative Plate | Separator         | Electrolyte           | Safety Valve | Explosion Plate | Way of Sealing |
|-------|------------------|----------|------------------|----------------|-------------------|-----------------------|--------------|-----------------|----------------|
| PP    | PP               | Pb       | PbO <sub>2</sub> | Pb             | PE/Compound Fibre | dilute sulphuric acid | Rubber       | PP              | Heat Sealing   |

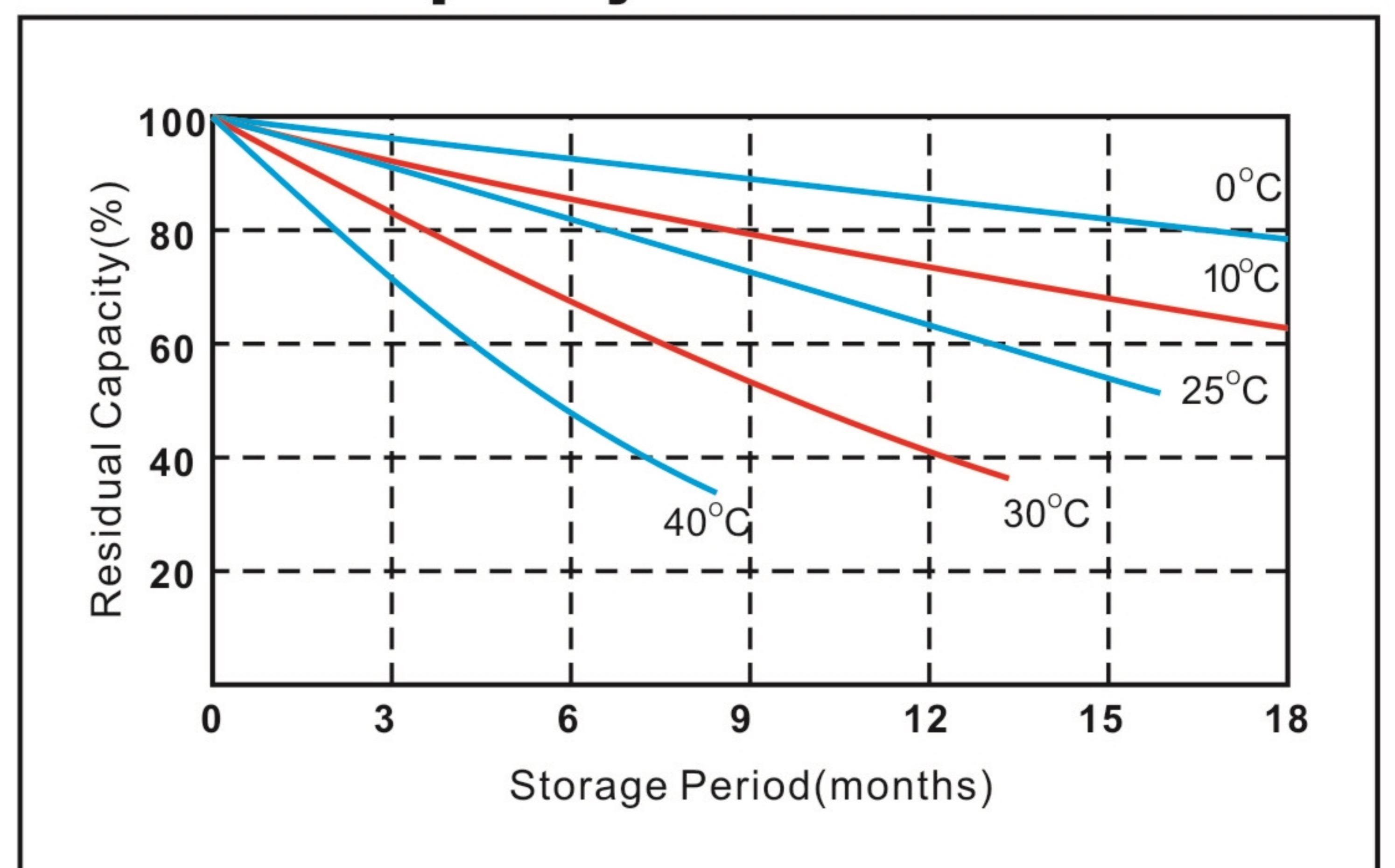
**Parameter Chart:**

| Volts                             | 12V                      |   |        |
|-----------------------------------|--------------------------|---|--------|
| Capacity (25°C)                   | 10 hours rate            |   | 14Ah   |
| Appx.Dimension (mm)               | L±2                      |   | 134    |
|                                   | W±2                      |   | 89     |
|                                   | H±2                      |   | 166    |
| Storage Status                    | Dry                      |   |        |
| Weight (Approx)                   | 3.16Kg                   | Weight w/ Acid  | 1.22Kg |
| Retention of Charge Storage @25°C |                          |   |        |
| 1 month                           | 97%                      | Directly Mounted  |        |
| 3 month                           | 90%                      | Directly Mounted  |        |
| 6 month                           | 80%                      | Constant Volts:14.4V Limit Current:2.8A Charging Hours:2-3H |        |
| 12 month                          | 40%                      | Constant Volts:14.4V Limit Current:2.8A Charging Hours:4-6H |        |
| CCA                               | Factory Standard (-10°C) | Factory Standard (-18°C)                                    |        |
| Discharging Current               | 110A                     | 170A  |        |

**Discharge Current 25°C**



**Residual Capacity**



★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

★The different item No. of battery can be developed according to the customer's demand.