

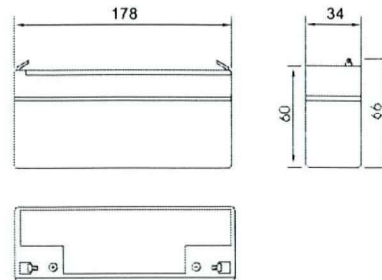
# BIGBAT

## 12V. 2 Ah.

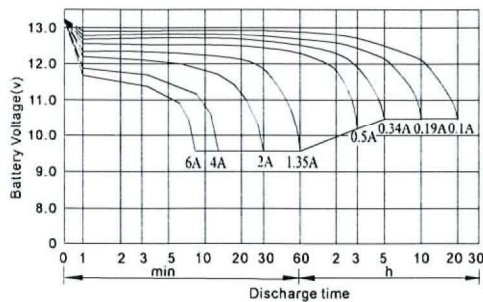


Weight Approx. 0.85 Kg ( $\pm 5\%$ )

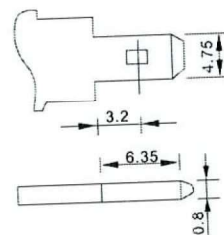
### Outer dimensions (mm)



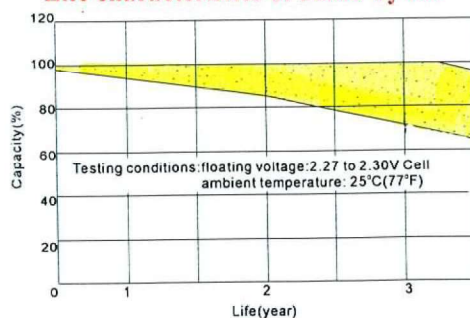
### Discharge characteristic (25° C)



### Terminal Type (mm)



### Life characteristics of Stand-by use



### Characteristics

|                                                    |                                                                                                |                                                                      |
|----------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Capacity<br>25° C (77° F)                          | 20 hour rate (0.10 A)<br>10 hour rate (0.19 A)<br>5 hour rate (0.34 A)<br>1 hour rate (1.35 A) | 2.00 AH<br>1.90 AH<br>1.70 AH<br>1.35 AH                             |
|                                                    | 1.5 hour discharge to 10.5V                                                                    | 0.80 A                                                               |
| Internal Resistance                                | Full charged battery at 25° C (77° F)                                                          | 50 m $\Omega$                                                        |
| Capacity effected by temperature<br>(20 hour rate) | 40° C (104° F)                                                                                 | 102 %                                                                |
|                                                    | 25° C (77° F)                                                                                  | 100 %                                                                |
|                                                    | 0° C (32° F)                                                                                   | 85 %                                                                 |
|                                                    | -15° C (5° F)                                                                                  | 65 %                                                                 |
| Self-discharge at<br>25° C (77° F)                 | Capacity after 3 month storage                                                                 | 91 %                                                                 |
|                                                    | Capacity after 6 month storage                                                                 | 82 %                                                                 |
|                                                    | Capacity after 12 month storage                                                                | 64 %                                                                 |
| Charge<br>(constant voltage)                       | Cycle                                                                                          | Initial charging current less than 0.70 A<br>Voltage 14.50 – 14.90V. |
|                                                    | Float                                                                                          | Voltage 13.60 – 13.80V.                                              |

### Cycle service life in relation to depth of discharge

