

## Physical Specification (mm)

|                        |                             |                                     |
|------------------------|-----------------------------|-------------------------------------|
| Nominal Voltage        |                             | 12V                                 |
| Nominal Capacity(20HR) |                             | 80Ah                                |
| Dimension              | Length                      | 332±2mm(13.07inches)                |
|                        | Width                       | 171±2mm(6.73inches)                 |
|                        | Container Height            | 219±2mm(8.62inches)                 |
|                        | Total Height(with Terminal) | 240±2mm(9.45inches)                 |
| Weight With Acid       |                             | Approx 22.8Kg(50.3lbs)              |
| Acid                   |                             | 1.280±0.015g/cm <sup>3</sup> (25°C) |
| Standard Terminal      |                             | 5                                   |
| Cell layout            |                             | 1                                   |
| Hold-Down              |                             | B0                                  |
| Case                   |                             | Black-Material (PP)                 |
| Cover                  |                             | Black-Material (PP)                 |
| Handle                 |                             | Black-Material (Nylon)              |

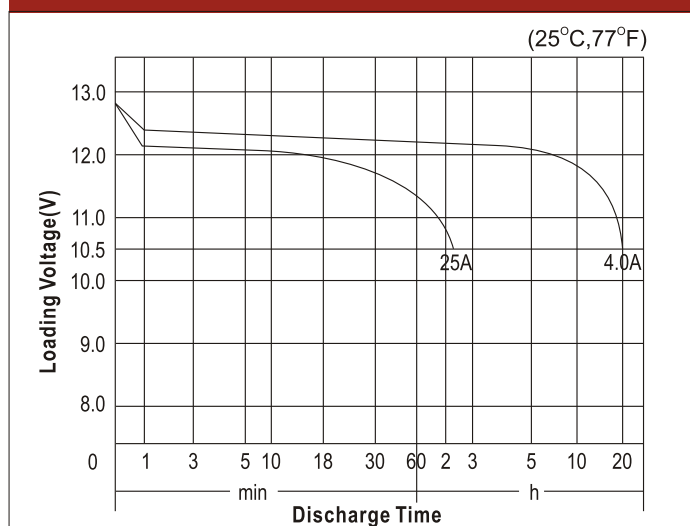
## Electrical Specification

|                                                 |                    |        |
|-------------------------------------------------|--------------------|--------|
| Rated Capacity                                  | 20 hour rate(4.0A) | 80Ah   |
| Reserve Capacity (CA)25A@10.5V                  |                    | 138min |
| Cold Cranking Performance Amps(CCA) @0°F(-18°C) |                    | 650A   |

## Standard Terminal (mm)

| Terminal Type | D                                 |                                   |
|---------------|-----------------------------------|-----------------------------------|
|               | Positive                          | Negative                          |
| 5             | 19.5 <sup>0</sup> <sub>-0.3</sub> | 17.9 <sup>0</sup> <sub>-0.3</sub> |

## Discharge Characteristics



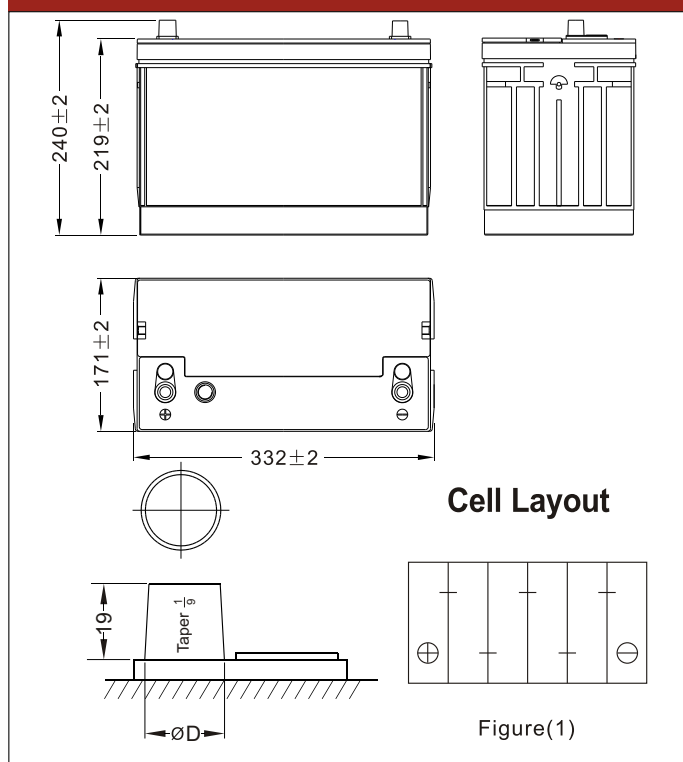
Specifications subject to change without notice

# Automotive Battery

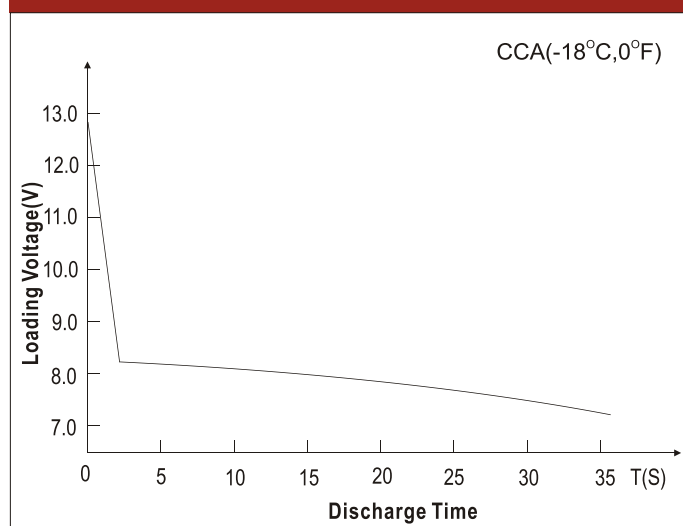
## 31A-650 [12V80Ah]



## Dimensions (mm)



## Discharge Characteristics



Publication No.:LB-QA -07-14