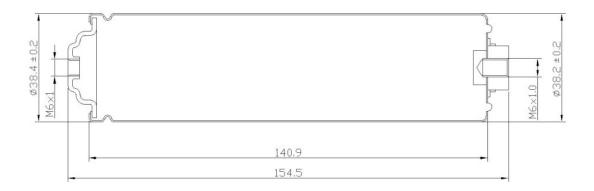
## Specifications for 38140S 12Ah lifepo4 battery

| No.  | Items                               |                   | Data                     |
|------|-------------------------------------|-------------------|--------------------------|
| 3-1  | Rated capacity                      |                   | 12000mAh (0.5c)          |
| 3-2  | Rated voltage                       |                   | 3.2V                     |
| 3-3  | Internal resistance                 |                   | ≤6m Ω                    |
| 3-4  | Max. charging current               |                   | 2C (24A)                 |
| 3-5  | Max. charging voltage               |                   | $3.65 \pm 0.05 \text{V}$ |
| 3-6  | Max. continuous discharging current |                   | 3C (36A)                 |
| 3-7  | Max. discharging current pulse      |                   | 10C(120A)                |
| 3-8  | Max. discharging voltage            |                   | 2.0V                     |
| 3-9  | Dimensions                          | Diameter          | 38±1mm                   |
|      |                                     | Total height      | 142±1mm                  |
| 3-10 | Weight                              |                   | Approx.386g              |
| 3-11 | Working                             | Charged           | 0~45°C                   |
|      | temperature                         | Discharged        | -20~65℃                  |
| 3-12 | Storage                             | Within one month  | -20~45°C                 |
|      | temperature                         | Within six months | -20~35℃                  |

<sup>\*</sup>the battery should be kept half or full charged with voltage of 3.2~3.3V

## Size drawing:



HW 38140S

38140S discharging and charging curve at 1C

