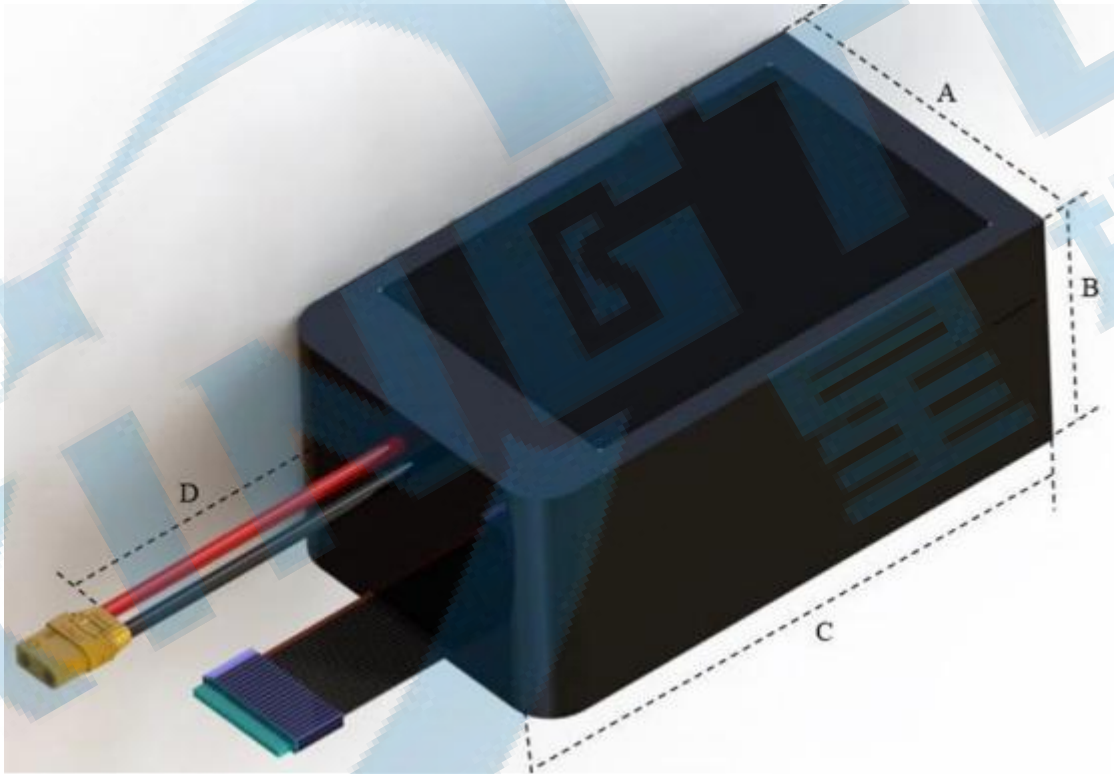


# Xingto Battery 14S40AH Specifications

## 一. Scope of application

This product specification describes the performance indicators of the solid-state lithium-ion battery pack produced by **Zhuoxun Intelligent Technology (Henan) Co., Ltd.** Note: The solid-state lithium-ion battery pack described in this specification refers to a lithium-ion battery with solid-state technology (solid-liquid hybrid).

## 二. Product size



| Code | Name                 | size(±5mm) |
|------|----------------------|------------|
| A    | width                | 164mm      |
| B    | Thickness (max).     | 107mm      |
| C    | length               | 240mm      |
| D    | Long leakage line    | ≥200mm     |
|      | Power cord terminals | Optional   |
|      | Balance head         | Optional   |

### 三. Product Specifications

| serial number | project                  |                                                                                 | Technical indicators                                                                                                                       |
|---------------|--------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1             | Nominal capacity         |                                                                                 | 37Ah (0.5C)                                                                                                                                |
| 2             | Minimum capacity         |                                                                                 | 36.5Ah (0.5C)                                                                                                                              |
| 3             | Nominal voltage          |                                                                                 | 53.9V                                                                                                                                      |
| 4             | Charging voltage         |                                                                                 | 61.6V                                                                                                                                      |
| 5             | Termination voltage      |                                                                                 | 42V                                                                                                                                        |
| 6             | Charging method          | fast                                                                            | 1C (40A) Constant current (CC) Charge to 61.6V, then constant voltage (CV)<br>Charge until the charge current is less than 0.02C (0.80A)   |
|               |                          | standard                                                                        | 0.5C (20A) Constant current (CC) Charge to 61.6V, then constant voltage (CV)<br>Charge until the charge current is less than 0.02C (0.80A) |
| 7             | Discharge method         | pulse                                                                           | 10C (400A、duration≤10S)<br>5C (200A)                                                                                                       |
|               |                          | Magnification                                                                   | 3C (120A)                                                                                                                                  |
|               |                          | standard                                                                        | 0.5C (20A)                                                                                                                                 |
| 8             | Operating temperature    |                                                                                 | Charge: 0°C~45°C<br>Discharge: -10°C~55°C                                                                                                  |
| 10            | Storage temperature      | Short-term storage (1month):-20°C~45°C Long-term storage(6 months) : -10°C~35°C |                                                                                                                                            |
| 11            | Storage humidity         |                                                                                 | <75%RH                                                                                                                                     |
| 12            | Internal resistance(max) |                                                                                 | <18mΩ                                                                                                                                      |
| 13            | weight (max)             |                                                                                 | <8.55Kg                                                                                                                                    |
| 14            | Factory voltage          |                                                                                 | 53.2V~53.9V                                                                                                                                |
| 15            | Outer carton size        | 350*270*360mm(Please refer to the actual situation)                             |                                                                                                                                            |
| 16            | Package weight           |                                                                                 | <18.05Kg                                                                                                                                   |