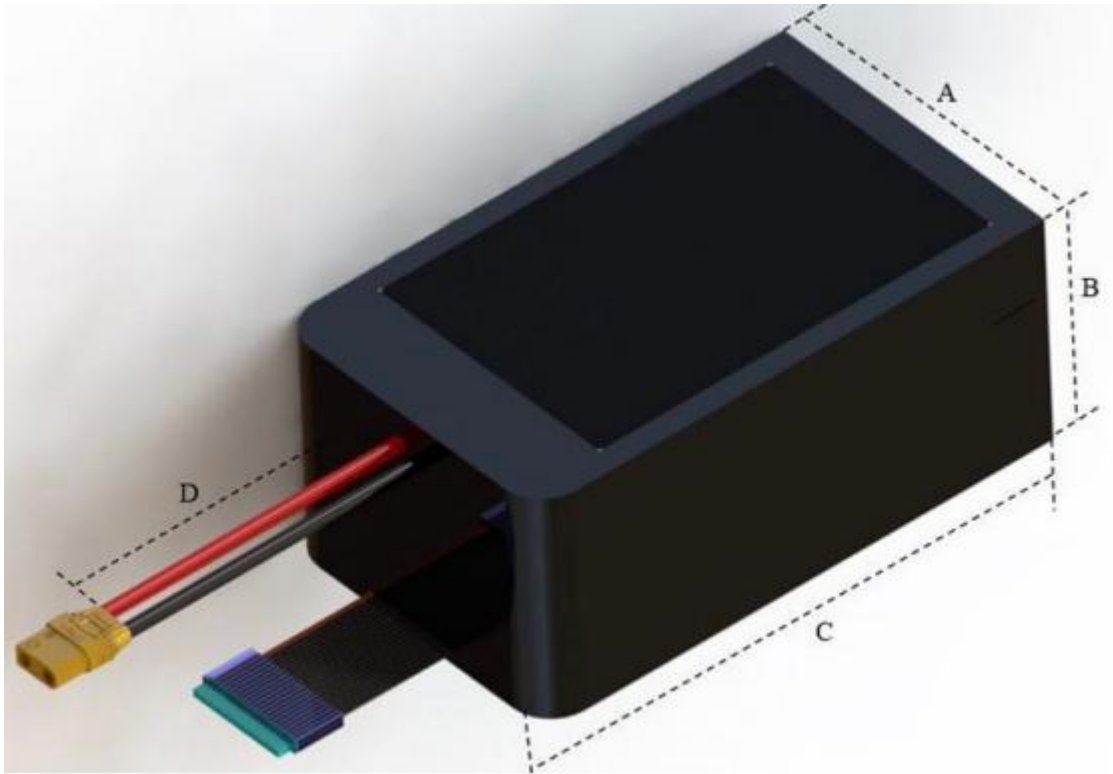


# Xingto Battery 14S27AH Specifications

## 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	140mm
B	Thickness (max).	90mm
C	length	213mm
D	Long leakage line	≥200mm
	Power cord terminals	Optional
	Balance head	Optional

### 三. Product Specifications

serial number	project		Technical indicators
1	Nominal capacity		27Ah (0.5C)
2	Minimum capacity		26.5Ah (0.5C)
3	Nominal voltage		51.8V
4	Charging voltage		58.8V
5	Termination voltage		37.8V
6	Charging method	fast	1C (27A) Constant current (CC) Charge to 58.8V, then constant voltage (CV) Charge until the charge current is less than 0.02C (0.54A)
		standard	0.5C (13.5A) Constant current (CC) Charge to 58.8V, then constant voltage (CV) Charge until the charge current is less than 0.02C (0.54A)
7	Discharge method	pulse	10C (270A、duration≤10S) 5C (135A)
		Magnification	3C (81A)
		standard	0.5C (13.5A)
8	Operating temperature		Charge: 0°C~45°C 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)		<5.45Kg
14	Factory voltage		49V~51.1V
15	Outer carton size		310*255*350mm(Please refer to the actual situation)
16	Package weight		<11.85Kg