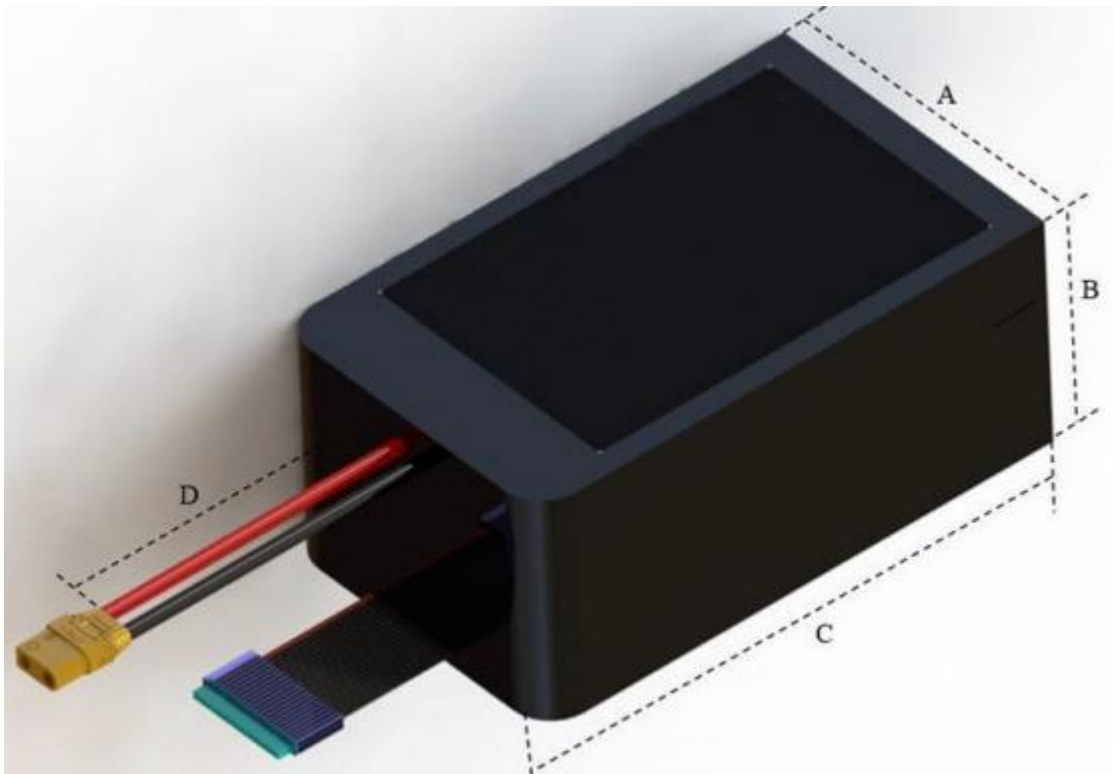


# Xingto Battery 12S27AH Specifications

## 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	120mm
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		26.8Ah (0.5C)
3	Nominal voltage		44.4V
4	Charging voltage		50.4V
5	Termination voltage		33.6V
6	Charging method	fast	1C (27A) Constant current (CC) Charge to 50.4V, 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 50.4V, 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)		<10mΩ
13	weight (max)		<4.70Kg
14	Factory voltage		42V~43.8V
15	Outer carton size		310*255*350mm(Please refer to the actual situation)
16	Package weight		<10.35Kg