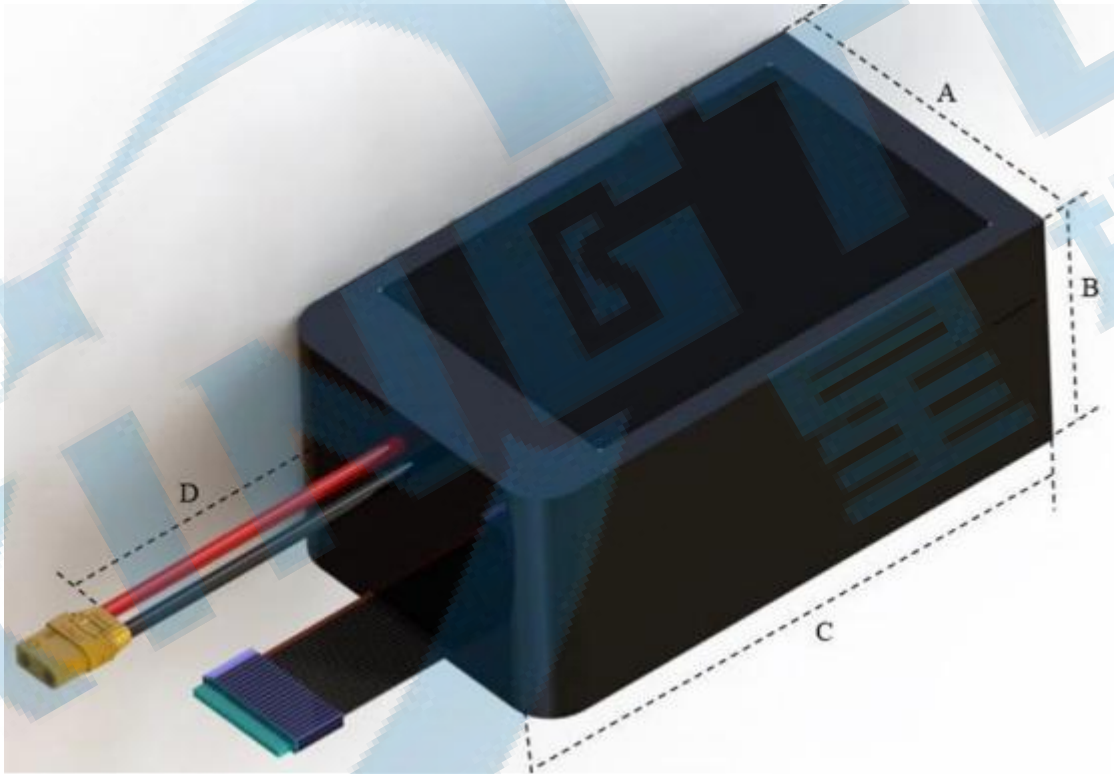


Xingto Battery 12S31AH Specifications

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	154mm
B	Thickness (max).	90mm
C	length	211mm
D	Long leakage line	≥200mm
	Power cord terminals	Optional
	Balance head	Optional

三. Product Specifications

serial number	project		Technical indicators
1	Nominal capacity		31Ah (0.5C)
2	Minimum capacity		30.8Ah (0.5C)
3	Nominal voltage		46.2V
4	Charging voltage		52.8V
5	Termination voltage		36V
6	Charging method	fast	1C (31A) Constant current (CC) Charge to 52.8V, then constant voltage (CV) Charge until the charge current is less than 0.02C (0.62A)
		standard	0.5C (15.5A) Constant current (CC) Charge to 52.8V, then constant voltage (CV) Charge until the charge current is less than 0.02C (0.62A)
7	Discharge method	pulse	10C (310A、duration≤10S) 5C (155A)
		Magnification	3C (93A)
		standard	0.5C (15.5A)
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)		<15mΩ
13	weight (max)		<5.94Kg
14	Factory voltage		42V~43.8V
15	Outer carton size	350*270*360mm(Please refer to the actual situation)	
16	Package weight		<12.83Kg