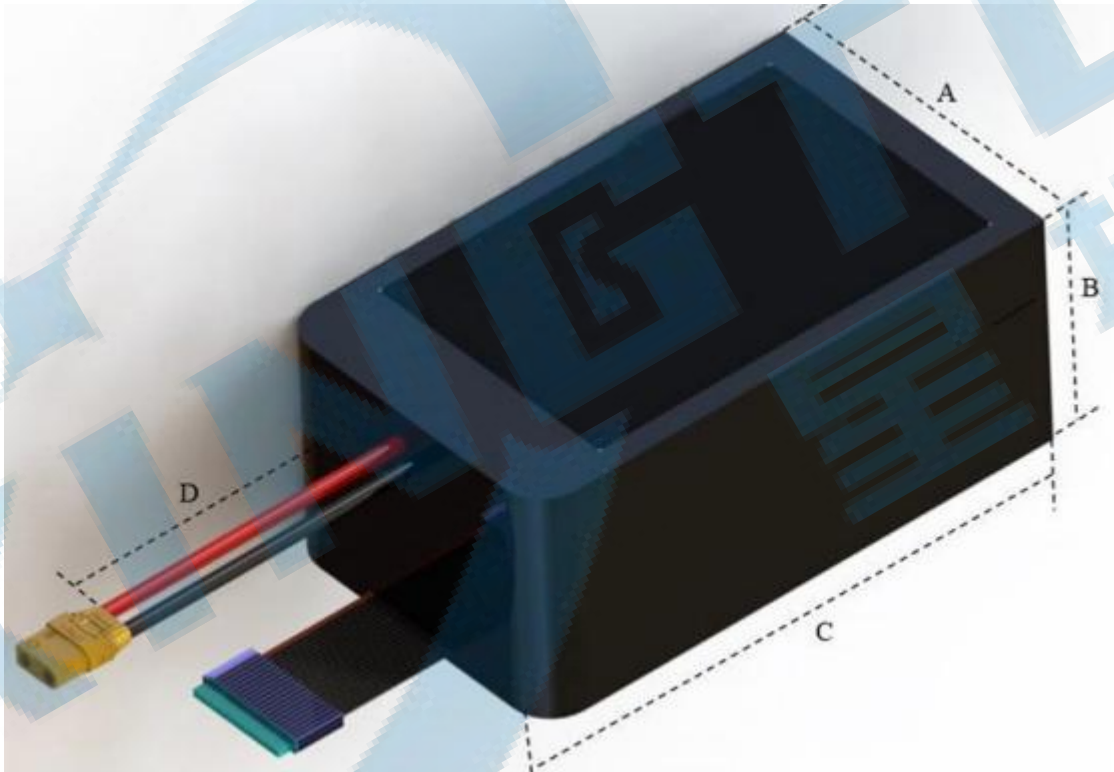


Xingto Battery 14S31AH Specifications

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	171mm
B	Thickness (max).	92mm
C	length	210mm
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		30.5Ah (0.5C)
3	Nominal voltage		53.9V
4	Charging voltage		61.6V
5	Termination voltage		42V
6	Charging method	fast	1C (31A) Constant current (CC) Charge to 61.6V, 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 61.6V, 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)		<18mΩ
13	weight (max)		<6.78Kg
14	Factory voltage		53.2V~53.9V
15	Outer carton size	350*270*360mm(Please refer to the actual situation)	
16	Package weight		<14.51Kg