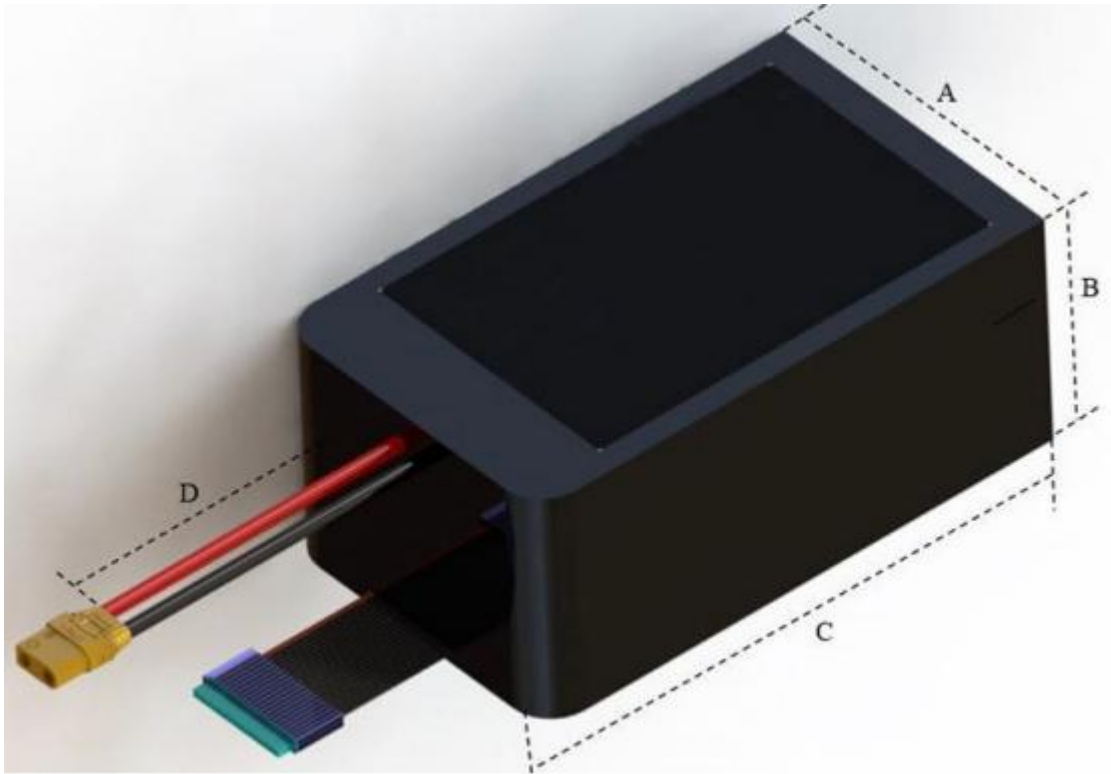


Xingto Battery 14S50AH Specifications

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	square size($\pm 5\text{mm}$)	Strip shape size($\pm 5\text{mm}$)
A	width	150mm	298mm
B	Thickness (max).	150mm	76mm
C	length	190mm	190mm
D	Long leakage line	$\geq 200\text{mm}$	
	Power cord terminals	Optional	
	Balance head	Optional	

三. Product Specifications

serial number	project		Technical indicators
1	Nominal capacity		50Ah (0.5C)
2	Minimum capacity		49.5Ah (0.5C)
3	Nominal voltage		51.8V
4	Charging voltage		58.8V
5	Termination voltage		39.2V
6	Charging method	fast	1C (50A) Constant current (CC) Charge to 58.8V, then constant voltage (CV) Charge until the charge current is less than 0.02C (1.0A)
		standard	0.5C (25A) Constant current (CC) Charge to 58.8V, then constant voltage (CV) Charge until the charge current is less than 0.02C (1.0A)
7	Discharge method	pulse	10C (500A、duration≤10S) 5C (250A)
		Magnification	3C (150A)
		standard	0.5C (25A)
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)		<20mΩ
13	weight (max)		<9.10Kg
14	Factory voltage		49V~51.6V
15	Outer carton size		410*340*350mm(Please refer to the actual situation)
16	Package weight		<19.50Kg