

	SPECIFICATION		Prepared by:
			Revision: 01
	Model: 13S 300A		Date: 2023-06-06

SPECIFICATION

Model: 13S 300A

HUIZHOU CHANG FA ELECTRONIC CO.,LTD

Specification

(1) Applicable Scope

This specification is only applied for the product of Ternary 13S 300A.

(2) Electrochemical Characteristics

	Details	Parameter	Unit	Remarks
Discharge	Continuous Discharge Current	< 300.0	A	
Charge	Continuous Charge Current	< 200.0	A	
Over-charge Protection	Single Cell Over-charge Detection Voltage	4.25 ±0.025	V	
	Over-charge Protection Delay	1000±500	mS	
	Over-charge Release Voltage	4.15±0.05	V	
Charge Balance	Single Cell Charge Balance Detection Voltage	4.15±0.025	V	
	Single Cell Charge Balance Current	42±5	mA	
Over-discharge Protection	Single Cell Over-discharge Detection Voltage	2.8±0.1	V	
	Over-discharge Detection Delay	1000±500	mS	
	Over-discharge Release Voltage	3.0±0.1	V	
Over-Current Protection	Over-current Detection Voltage	50±15	mV	
	Over-current Detection Delay	1000±500	mS	
	Over-current Protection Current	1800±200	A	
	Over-current Protection Release Condition	Load Off		
Temperature Protection	Temperature Protection	75	°C	
Internal Resistance	Internal Resistance of the Main Circuit Conduction	≤10	mΩ	
Operating Consumption Current	Working Current	≤40	uA	
	Sleeping Current (when the battery is over-discharged)	≤10	uA	