

HIGH PERFORMANCE EV BATTERY

Test System

System Features >



Ultra-high Accuracy Testing

Voltage Accuracy: 0.02%F.S.
Current Accuracy: 0.05%F.S.



High Regenerative Efficiency

Advanced three-level technology, high efficiency & low loss Energy feed back to the grid, 75% efficiency



High-speed Roadmaps

1ms fast current response
10ms roadmap



Flexible Expansion

Integrated voltage \ temperature \ expansion force \ temp chamber \ Water chiller etc., efficient linkage

Key System Parameters >

Model	BTS-6V200A16CH	BTS-6V300A16CH	BTS-6V400A16CH	BTS-6V600A8CH	BTS-6V1200A4CH	BTS-6V2400A2CH
Max Power	19.2kW	28.8kW	38.4kW	28.8kW	28.8kW	28.8kW
Channels Quantity (Customizable)	16CH	16CH	16CH	8CH	4CH	2CH
Voltage Parameters						
Charge and Discharge Voltage Range	-6V~6V (Support Voltage Expansion 10V)					
Voltage Accuracy	± 0.02%F.S.					
Voltage Resolution	0.01mV					
Current Parameters						
Output Current Range	-200A~200A	-300A~300A	-400A~400A	-600A~600A	-1200A~1200A	-2400A~2400A
Current Range	4A/20A/200A	4A/30A/300A	4A/40A/400A	6A/60A/600A	12A/120A/1200A	24A/240A/2400A
Current Accuracy	± 0.02%F.S. (Based on current range)					
Current Resolution	0.01mA					
Charge And Discharge Test Parameters						
Rising Time	≤1ms					
Switching Time	≤2ms					
Minimum Recording Time	1ms/0.1mV/0.1mA					
Charge-discharge Operation Mode	CC, CV, CP, CC-CV, CR, DCIR, Pulse, Drive simulation and other modes					
Drive simulation for EVs	10ms operating condition, 1000w+ lines of text, support Excel import					
Channel Parallel	Supports parallel connection of 6400A (channel current accuracy after parallel connection meets ±0.02% F.S.)					
Efficiency	Charge efficiency: 80%; Feedback efficiency: 75%					

Note: The specific model and parameters are subject to the technical specifications or agreement

Test Functions >



Cycle Test



Capacity Test



Charge Holding Capacity



Dynamic And Static SOC Test



Magnification Test



Overcharge And Overdischarge Test



Multi-electrode Battery Test



DCIR Test

