

BATTERY MODULE(60V~300V)

Test System

System Features >



Ultra-high Accuracy Test

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



High-Speed Roadmaps

2ms fast current response
20ms roadmaps test



High Regenerative Efficiency

SiC technology,92% regenerative efficiency
Ultra-high energy density 200+kW/m³



Flexible Expansion

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

Test Functions >



Cycle Test



Capacity Test



Dynamic And Static SOC Test



Magnification Test



Overcharge And Overdischarge Test



Temperature Characterization Test



DCIR Test



Key System Parameters >

Model		Voltage Parameters					
Output Voltage		Charge And Discharge: 5V~60V/150V/300V					
Voltage Accuracy		± 0.02%F.S.					
Voltage Resolution		0.1mV					
		Current Parameters					
Output Current Range		-50A~+50A	-100A~+100A	-200A~+200A	-300A~+300A	-600A~+600A	-1000A~+1000A
Current Range	/	50A/100A	50A/100A/200A	50A/100A/200A/300A	50A/100A/300A/600A	50A/100A/500A/1000A	
Current Accuracy		± 0.02%F.S. (Based on current range)					
Current Resolution		0.1mA					
Channels Quantity		2CH/4CH/8CH/12CH/16CH (Support for customisation)					
		Power Parameters					
Power Of The Whole Machine		48KW~480KW (Support for customisation)					
		Charge And Discharge Test Parameters					
Rising Time		≤2ms					
Switching Time		≤5ms					
Minimum Recording Time		10ms/1mV/1mA					
Charge-discharge Operation Mode		CC, CV, CP, CC-CV, CR, DCIR, Pulse, Drive simulation and other modes					
Drive Simulation For EVs		20ms operating condition, 1000w+ lines of text, support Excel import					
Channel Parallel		Supports parallel connection of 2400A (channel current accuracy after parallel connection meets ±0.02% F.S.)					
Efficiency		Charge efficiency: 92%; Feedback efficiency: 92%					

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