

BATTERY PACK(500V~1000V)

Test System



System Features >



Ultra-high Accuracy Test

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



High-speed Roadmaps

5ms Fast Current Response
50ms Roadmaps Test



High Regenerative Efficiency

High efficiency and low loss
.Energy feedback to the grid,
95% efficiency



Flexible Expansion

Integrated BMS \voltage \-
temperature \temperature
chamber \Water chiller etc.,
efficient linkage

Key System Parameters >

Model	Voltage Parameters			
Output Voltage Range	6V~500V/1000V			
Voltage Accuracy	± 0.02%F.S.			
Voltage Resolution	0.1mV			
Current Parameters				
Output Current Range	-200A~+200A	-300A~+300A	-500A~+500A	-1000A~+1000A
Current Range	100A/200A	100A/200A	100A/200A/300A/500A	100A/200A/500A/1000A
Current Accuracy	± 0.02%F.S. (Based on current range)			
Current Resolution	0.1mA			
Channels Quantity	2CH/4CH/8CH (Support for customisation)			
Power Parameters				
Power Of The Whole Machine	250KW~1.2MW (Support for customisation)			
Charge And Discharge Test Parameters				
Rising Time	≤5ms			
Switching Time	≤10ms			
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	50ms operating condition, 1000w+ lines of text, support Excel import			
Channel Parallel	Supports parallel connection of 2000A (channel current accuracy after parallel connection meets ±0.02% F.S.)			
Efficiency	Charge Efficiency: 95%; Feedback Efficiency: 95%			

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

Test Functions >



Cycle Test



Magnification Test



Capacity Test



Overcharge And Overdischarge Test



Dynamic And Static SOC Test



Temperature Characterization Test



DCIR Test