

High Power BESS/Battery PACK/Cluster Testing System



Product Features

Efficiency Improvement

High-quality energy feedback, maximum efficiency $\geq 96\%$.

Efficient Reliable

High power factor value >0.99 .

Grid-tied

Total harmonic content of grid-tied current $<5\%$.

Leading Technology

I-type three-level technology. Wide voltage range output, small ripple.

Product Highlights

- Multi-level authorization.
- MES data access.
- Working condition simulation.
- DSP full digital control.
- System channels can be used in parallel.

- Anti-reverse connection, data security protection.
- BMS two-way communication, customize BMS values as control /protection parameters.

Test Items

- Short circuit, insulation, withstand voltage
- ACIR, DCIR, BMS performance
- Working condition simulation, capacity, cycle life
- Pulse charge & discharge characteristics
- Charge & discharge efficiency
- Consistency test evaluation
- Overcharge and over-discharge endurance

Equipment Parameters

Model	Low 0~2000V 10~300kW	Normal 0~1000V 50~800kW	High 0~2500V 1000kW~6.3MW
Current up/down reaction time	<5ms		
Charge/discharge switch time	<10ms		
Voltage accuracy	+0.05%FS		
Voltage resolution	0.1mV		
Current accuracy	+0.05%FS		
Current resolution	0.1mA		