

# IT BATTERY

Test System

## System Features >



### High Accuracy Test

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, 65% efficiency



### Multi-electrode Battery Test

Supports multi-channel voltage isolation sampling. The loop leakage current  $\leq 0.02\mu A$



### Flexible Expansion

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

## Test Functions >



Cycle Test



Capacity Test



Charge Holding Capacity



Dynamic And Static SOC Test



Magnification Test



Temperature Characterization Test



Multi-electrode Battery Test



DCIR Test



## Key System Parameters >

Model	BTS-5V6A80CH	BTS-5V12A96CH
Max power	2.4kW	5.8kW
Channels Quantity	80CH	96CH
Voltage Parameters		
Output Voltage Range	Charging Voltage	0V~5V
	Discharge Voltage	1V~5V
Voltage Accuracy	$\pm 0.02\%F.S.$	
Voltage Resolution	0.1mV	
Current Parameters		
Output Current Range	-6A ~+6A	-12A ~+12A
Current Range	0.3A/3A/6A	0.3A/3A/6A/12A
Current Accuracy	$\pm 0.05\%F.S.$	
Current Resolution	0.1mA	
Charge And Discharge Test Parameters		
Rising Time	$\leq 5ms$	
Switching Time	$\leq 10ms$	
Minimum Recording Time	100ms/0.1mV/0.1mA	
Charge-discharge Operation Mode	CC, CV, CP, CC-CV, CR, DCIR, Pulse, etc.	
Efficiency	Charge efficiency: 70%; Feedback efficiency: 65%	

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