

SYSTEM⁺ INTRODUCTION

MILLIAMPERE LEVEL

Test System

System Features >



Ultra-high Accuracy Test

Voltage Accuracy: 0.01%F.S.
Current Accuracy: 0.02%F.S.



High-speed Dynamic Test

100µs fast current response



Multi-electrode System Test

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



Flexible Expansion

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

Key System Parameters >

Model	BTS-5V100mA160CH
Max Power	80W
Channels Quantity	160CH (Customizable)
Voltage Parameters	
Output Voltage Range	-5V~5V
Voltage Accuracy	$\pm 0.01\%F.S.$
Voltage Resolution	0.001mV
Current Parameters	
Output Current Range	-100mA~100mA
Current Range	0.1mA / 1mA / 10mA / 100mA
Current Accuracy	$\pm 0.02\%F.S.$
Current Resolution	0.001µA
Charge And Discharge Test Parameters	
Rising Time	$\leq 100\mu\text{s}$
Switching Time	$\leq 1\text{ms}$
Minimum Recording Time	1ms / 0.001mV / 0.001µA
Charge-discharge Operation Mode	CC, CV, CP, CC-CV, CR, DCIR, Pulse, etc.

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

Test Functions >



Small Capacity Battery Test



Multi-electrode System Test



Material Test



Dynamic And Static SOC Test



DCIR Test



Temperature Characterization Test



Cycle Test



Pulse Discharge Test

