



新威
NEWARE

Manufacturer of Battery Testing Equipment
Technology Specification

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BTS-5V10mA Battery Testing System						
Model:	BTS-	5V10mA	Material Code:		CT-3008	-5V10mA
Description			Product Specification			
AC Input			AC 220V±10% 50Hz			
Power			25	W		
Resolution			AD: 16bit; DA: 12bit			
Input Impedance			≥1MΩ			
Voltage	Measuring Range		Charge:25mV~5V Discharge: 25mV~5V			
	Discharge Min Voltage		0V			
	Accuracy		± 0.1% of FS			
	Stability		± 0.1% of FS			
Current	Range		Charge: 0.05mA~10mA Discharge: 0.05mA~10mA			
	Accuracy		± 0.1% of FS			
	Stability		± 0.1% of FS			
Power	Output Power Per Channel		0.05W			
	Stability		± 0.2% of FS			
Time	Rise Time		1ms (0~Full Range)			
	Step Time		≤ (365*24) hour/step Time Format 00: 00: 00 (h:min:s)			
Data Acquisition	Intervals		Time interval Δt: （1s~60000s）			
			Voltage interval ΔU: （10mV~5V）			
			Current interval ΔI: （0.02mA~10mA）			
	Frequency		1Hz			
Charge	Mode of Operation		CCC, CVC, CC & CVC			
	End Conditions		Voltage, Current, Test Time, Capacity			
Discharge	Mode of Operation		CCD, CPD			
	End Conditions		Voltage, Current, Test Time, Capacity			
Cycle	Cycles		65535			
	Steps		63			
	Nested Function		Max three levels of loops			
Protective	Software		● Power-off data protection			

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Function		<ul style="list-style-type: none"> User-defined safety(upper and lower)tolerance of current, voltage and delay time
Channel Features		Independent pairs of closed loop for constant current source and constant voltage source
Channels		Independent control
Detection and Sampling		4-wire Connecting
Noise Density		<85dB
Communication Means		TCP/IP Protocol
Export Formats		EXCEL, TXT, Graph
Communication Interface		Ethernet Port
Number of Channels Per Cabinet		8
Operating Environment		
Description		Product Specification
Operating Temperature		0℃~40℃(In the 25 ± 10 ℃ range, to ensure accuracy: Accuracy drift 0.005% of FS / ℃)
Storage Temperature		-10℃~50℃
Operating Humidity		≤70% RH(no moisture condensation)
Storage Humidity		≤80% RH(no moisture condensation)
Description		Product Specification
Battery Holder		Universal Holder
Holder Picture		
	coin cell clamp	
	Picture for reference, please confirm the actual product	
Dimensions (W*D*H) (mm)		1U (19") , 480*330*45
Equipment Picture		
	Picture for reference, please confirm the actual product	