



Manufacturer of Battery Testing Equipment  
**Technology Specification**

<b>BTS-5V12A</b>		<b>Battery Testing System</b>
Model: BTS-4008-5V12A-S1		
Description		Product Specification
AC Input		AC 220V±10% 50Hz
Power		826W
Resolution		AD: 16bit; DA: 16bit
Input Impedance		≥1MΩ
Voltage	Measuring Range	Charge: 25mV~5V Discharge: 25mV~5V
	Discharge Min Voltage	2.5V
	Accuracy	± 0.05% of FS
	Stability	± 0.05% of FS
Current	Range	Range1: 5mA~1A; Range2: 1A~6A; Range3: 6A~12A
	Accuracy	± 0.05% of FS
	Stability	± 0.05% of FS
	Constant Voltage stop current	Range1:2mA; Range2: 12mA; Range3: 24mA
Power	Output Power Per Channel	60W
	Stability	± 0.1% of FS
Time	Rise Time	1ms (0~Full Range)
	Step Time	≤ (365*24) hour/step Time Format 00:00:00:000 (h:min:s:ms)
Data Acquisition	Intervals	Time interval Δt: 100ms
		Voltage interval ΔU: 10mV
		Current interval ΔI: (Range1:2mA; Range2: 12mA; Range3: 24mA)
Frequency	10Hz	
Charge	Mode of Operation	CCC, CVC, CC & CVC, CPC
	End Conditions	Voltage, Current, Test Time, Capacity
Discharge	Mode of Operation	CCD, CPD, CRD
	End Conditions	Voltage, Current, Test Time, Capacity
Pulse mode	Charge	CR mode、CP mode
	Discharge	CC mode、CP mode
	Min pulse width	500ms






Manufacturer of Battery Testing Equipment  
**Technology Specification**

	Automated Switch	Automated switch from charge to discharge for each pulse
	End Condition	Voltage、 Relative Time
DCIR	Support for the calculation of the point of the DCIR	
Cycle	Cycles	65535
	Steps	254
	Nested Function	Max three levels of loops
Protective Function	Software	<ul style="list-style-type: none"> <li>• Power-off data protection</li> <li>• Off-line Operating</li> <li>• User-defined safety(upper and lower)tolerance of current, voltage and delay time</li> </ul>
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
Data Management		MYSQL Database
Communication Means		TCP/IP Protocol
Export Formats		EXCEL2003/2010, TXT, Graph
Communication Interface		Ethernet Port
Number of Channels Per Cabinet		8
<b>Operating Environment</b>		
Description		Product Specification
Operating Temperature		0℃~40℃
Storage Temperature		-10℃~50℃
Operating Humidity		≤70% RH
Storage Humidity		≤80% RH
Description		Product Specification
Battery Holder		Universal Holder



Manufacturer of Battery Testing Equipment  
**Technology Specification**

Holder Picture		
	Polymer Clip	Alligator Clip
	Picture for reference, please confirm the actual product	
Dimensions (W*D*H) (mm)	3U (19) , 483mm*563mm*130mm	
Equipment Picture		
	Picture for reference, please confirm the actual product	