



Manufacturer of Battery Testing Equipment
Technology Specification

BTS-6V4A		Battery Testing System
Model: BTS-4008-6V4A		
Description		Product Specification
AC Input		AC 220V±10% 50Hz
Power		324W
Resolution		AD: 16bit; DA: 16bit
Input Impedance		≥1MΩ
Voltage	Measuring Range	Charge: 30mV~6V; Discharge: 30mV~6V
	Discharge Min Voltage	2.5V
	Accuracy	± 0.05% of FS
	Stability	± 0.05% of FS
Current	Range	8mA~4A
	Accuracy	± 0.05% of FS
	Stability	± 0.05% of FS
	Constant Voltage stop current	8mA
Power	Output Power Per Channel	24W
	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~60000s)
		Voltage interval ΔU: (12mV~6V)
		Current interval ΔI: (8mA)
	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



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Pulse mode	Charge	CR mode、CP mode
	Discharge	CC mode、CP mode
	Min pulse width	500ms
	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"> ● Power-off data protection
		<ul style="list-style-type: none"> ● Off-line Operating
		<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	
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	
Operating Environment		
Description	Product Specification	
Operating Temperature	0℃~40℃	
Storage Temperature	-10℃~50℃	
Operating Humidity	≤70% RH	
Storage Humidity	≤80% RH	
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Battery Holder	Universal Holder
Dimensions (W*D*H) (mm)	3U (19) , 480mm*330mm*130mm
Equipment Picture	
	
	Picture for reference, please confirm the actual product