



BTS-5V100A		Battery Testing System Driving Cycle Simulation	
Model:BTS-5V100A		Material Code:CT-8008-5V100A-NTFA	
Description		Product Specification	
AC Input		AC 380V±10% 50Hz	
Power		7089W	
Resolution		AD: 16bit; DA: 16bit	
Input Impedance		≥1MΩ	
Voltage	Measuring Range	25mV~5V	
	Discharge Min Voltage	0V	
	Accuracy	± 0.05% of FS	
	Stability	± 0.1% of FS	
Current	Range	0.05A~10A; 10A~40A; 40A-70A; 70A~100A (Four Range)	
	Accuracy	± 0.05% of FS	
	Stability	± 0.1% of FS	
Power	Output Power Per Channel	500W	
	Stability	± 0.2% of FS	
Time	Rise Time	20ms (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: 10ms	
		Voltage interval ΔU: 10mV	
		Current interval ΔI: 20mA;80mA;140mA;200mA	
Frequency	100Hz		
Charge	Mode of Operation	CCC, CVC, CC & CVC, CPC, Pulse, Simulation	
	End Conditions	Voltage, Current, Test Time, Capacity	
Discharge	Mode of Operation	CCD, CVD, 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	
	Automated Switch	Automated switch from charge to discharge for each pulse	

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	End Condition	Voltage、Relative Time
Simulation	Charge Mode	Current, power
	Discharge Mode	Current, power
	End Condition	Time, line number
	Charge and discharge continuous switching	A simulation step can be achieved from the charging to the discharge of continuous switching
	Limit the number of line files	100,000
Aux Test	Aux Input	Temperature(Thermocouple)
	Temperature	- 200℃~260℃
	Temperature Accuracy	±1℃
	Temperature Resolution	0.1℃
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	<ul style="list-style-type: none"> ● Power-off data protection ● Off-line Operating ● User-defined safety(upper and lower)tolerance of current, voltage and delay time ● With anti-reverse function 	
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	

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Number of Channels Per Cabinet	8
Operating Environment	
Description	Product Specification
Operating Temperature	0°C~40°C (In the 25 ± 10 °C range, to ensure accuracy: Accuracy drift 0.005% of FS / °C)
Storage Temperature	-10°C~50°C
Operating Humidity	≤70% RH
Storage Humidity	≤80% RH
Description	Product Specification
Battery Holder	Universal Holder
Holder Picture	
	Ring nose clips
	Picture for reference, please confirm the actual product
Dimensions (W*D*H) (mm)	30U (24"), 730mm*600mm*1520mm
Equipment Picture	
	Picture for reference, please confirm the actual product