


BTS-5V6A		Battery Testing System	
Model:	BTS-5V6A	Material Code:	CT-4008-5V6A-NFA-P
Description		Product Specification	
AC Input	AC 220V±10% 50Hz		
Power	448	W	
Resolution	AD: 16bit; DA: 16bit		
Impedance Input	≥1MΩ		
Voltage	Measuring Range	Charge: 10mV~5V	Discharge: 10mV~5V
	Discharge Min Voltage	10mV	
	Accuracy	± 0.1% of FS	
	Stability	± 0.1% of FS	
Current	Range	Charge: 12mA~6A	Discharge: 12mA~6A
	Accuracy	± 0.1% of FS	
	Stability	± 0.1% of FS	
Power	Output Power Per Channel	30W	
	Stability	± 0.2% of FS	
Time	Rise Time	20ms (0~Full Range)	
	StepTime	≤ (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: (10mV~5V)	
		Current interval ΔI: (12mA~6A)	
Frequency	10Hz		
Charge	Modes of Operation	CCC, CVC, CC & CVC, CPC	
	End Conditions	Voltage, Current, Test Time, Capacity	
Discharge	Modes of Operation	CCD, CPD, CRD	
	End Conditions	Voltage, Current, Test Time, Capacity	
Pulse	Charge	CCC	
	Discharge	CCD	
	Minimum Pulse Width	500ms	
	Automated Switch	Automated switch from charge to discharge for each pulse	
	End Condition	Voltage, Test Time	
Cycle	Cycles	65535	
	Steps	254	
	Nested Function	Max three levels of loops	
Protective Software	<ul style="list-style-type: none"> ● Power-off data protection ● Off-line Operating 		

Protective Function		●User-defined safety (upper and lower) tolerance of current, voltage and delay time	
	Hardware	Reverse-connecting protection	
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		
Exports Formats	EXCEL, 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	
Description		Product Specification	
Battery Holder		Universal Holder	
Holder Picture			
	Universal Holder	Alligator Holder	Wiring Terminal
	Polymer Holder		
Picture for reference, please confirm the actual product			
Dimensions (W*D*H) (mm)		3U (164) , 480*330*130	
Equipment Picture		Picture for reference, please confirm the actual product	