

BTS4000-5V1A Battery testing system											
Model:	BTS4000-	5	V	1	A	Battery testing system	SN:	CT-4008	-5V1A	-	S1
Items						Values					
Input AC						AC 220V/110V ±10% / 50Hz					
Input power						71 W					
Resolution						AD: 16bit; DA: 16bit					
Input impendence						≥1MΩ					
Voltage	CV output range					25mV~5V					
	Min discharge voltage					1.0V for universal holder,1.5V for 2m cable					
	Accuracy					± 0.05% of FS					
	Stability					± 0.05% of FS					
Current	Output range/channel					5mA-1A					
	Accuracy					± 0.05% of FS					
	CV cut-off current					0.002A					
	Stability					± 0.05% of FS					
Power	Output power/channel					5	W				
	Stability					± 0.1% of FS					
Time	Current rspnse time					Max rising time:1ms					
	Working step time					≤(365*24)h/step Time format-00: 00: 00.000(h、 m、 s、 ms)					
Data record	Data record conditions					Min data record interval:100ms					
						Min voltage change: 10mV					
						Min current change: 2mA					
	Frequency					10Hz					
Charge	Charge modes					CC、 CV、 CCCV、 CP					
	Cut-off condition					Voltage、 Current、 Time、 Capacity、 -△V					
Discharge	Discharge modes					CC、 CP、 CR					
	Cut-off condition					Voltage、 Current、 Time、 Capacity、 -△V					
Pulse	Charge					CC、 CP					
	Discharge					CC、 CP					
	Min pulse width					500ms					
	Pulse counts					Up to 32					
	Chg and Dischg switch					Supported					
	Cut-off condition					Voltage、 Time					
DCIR	Supported										
Cycle	Max cycles					65535					
	Max steps					254					
	Cycle nest					3					
Protection	Safety protection					● Power-off data protection					
						● Off-line operation mode					
						● User-defined protection conditions, such as upper and lower limited current/voltage, delay time, temperature, etc.					

Channels feature	Independent pairs of closed loop for constant		
Channels control mode	Independent control		
Data acquisition method	Kelvin connection		
Noise	<85dB		
Database	MySQL		
Communicatin	TCP/IP		
Operating system	Windows 7/8/10 64 bit		
Data export	EXCEL、TXT、CSV、PDF、Plot/Graph		
Disk drive	500GB		
Communication port	Ethernet port		
Leak Current	0.0000005mA		
Channels per unit	8		
Operation and storage environment requirement			
Items	Values		
Operation environment temperature	0℃~40℃ (When the temperature is 25±10℃ , the accuracy error caused by temperature change is less than 50ppm /℃)		
Storage environment temperature	-10℃~50℃		
Operation environment humidity	≤70% RH(no moisture condensation)		
Storage environment humidity	≤80% RH(no moisture condensation)		
Clamps and dimensions			
Items	Values		
Tester pictures			
Clamps pictures			
	Alligator	Polymer	Coin
	Pictures just for reference		
Dimensions (W*D*H) (mm)	3U1F, 480*380*130		