


BTS4000-6V4A Battery testing system											
Model:	BTS4000-	6	V	4	A	Battery testing system	SN:	CT-4008	-6V4A	-	CCDC
Items		Values									
Input AC		AC 220V/110V ±10% / 50Hz									
Input power		324 W									
Resolution		AD: 16bit; DA: 16bit									
Input impedance		≥1MΩ									
Voltage	CV output range	30mV~6V									
	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	0.02A~4A									
	Accuracy	± 0.05% of FS									
	CV cut-off current	0.008A									
	Stability	± 0.05% of FS									
Power	Output power/channel	24	W								
	Stability	± 0.1% of FS									
Time	Current response 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: 12mV									
		Min current change: 8mA									
	Frequency	10Hz									
Charge	Charge modes	CC、CV、CCCV、CP、CCCV for battery pack									
	Cut-off condition	Voltage、Current、Time、Capacity、-ΔV									
Discharge	Discharge modes	CC、CP、CR									
	Cut-off condition	Voltage、Current、Time、Capacity、-ΔV									
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
Communication	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	0.0000006mA
Channels per unit	8
<b>Operation and storage environment requirement</b>	
<b>Items</b>	<b>Values</b>
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)
<b>Clamps and dimensions</b>	
<b>Items</b>	<b>Values</b>
Tester pictures	
	Pictures just for reference
Dimensions (W*D*H) (mm)	3U2F, 480*400*130