BTS4000-5V12A Battery testing system

Model:	BTS4000-	5	V	12	A	Battery testing system	SN:	CT-4008T	-5V12A	-	S1/204n

Items		Values
Input AC		AC 220V/110V ±10% / 50Hz
Input power		826 W
Resolution		AD：16bit；DA：16bit
Input impedance		≥1MΩ
Voltage	CV output range	25mV~5V
	Min discharge voltage	2.0V for universial holder,2.5V for 2m cable
	Accuracy	± 0.05% of FS
	Stability	± 0.05% of FS
Current	Output range/channel	**Range1:5mA-1A;　Range2:1A-6A;　Range2:6A-12A**
	Accuracy	± 0.05% of FS
	CV cut-off current	Range1: 2mA；Range2: 12mA；Range3: 24mA
	Stability	± 0.05% of FS
Power	Output power/channel	60　　　W
	Stability	± 0.1% of FS
Time	Current response time	Max rising time:1ms （10%FS~90%FS)
	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；12mA；24mA
	Frequency	10Hz
Charge	Charge modes	CC、CV、CCCV、CP
	Cut-off condition	Voltage、Current、Time、Capacity、-△V
Discharge	Discharge modes	CC、CP、CR、**CV**
	Cut-off condition	Voltage、Current、Time、Capacity
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 64bit
Data export	EXCEL、TXT、CSV、PDF、Plot/Graph
Disk drive	500GB
Communication port	Ethernet port
Leak Current	<5µA
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	Universial holders Alligator Polymer Ring connector Pictures just for reference
Dimensions（W*D*H）(mm)	3U（19"）, 483*563*130（-S1）/483*518*130（-204n）