⋀⋀⋀ NEWARE **Specifications**

BTS4000-15V6A Battery testing system

Model:	BTS4000-	15	V	6	A	Battery testing system	SN:	CT-4008	-15V6A	-	NA

Items		Values		
Input AC		AC 220V/110V ±10% / 50Hz		
Input power		1033　W		
Resolution		AD：16bit；DA：16bit		
Input impendence		≥1MΩ		
Voltage	CV output range	0.075V~15V		
	Min discharge voltage	2.5V		
	Accuracy	± 0.1% of FS		
	Stability	± 0.1% of FS		
Current	Output range/channel	0.03A~6A		
	Accuracy	± 0.1% of FS		
	CV cut-off current	0.012A		
	Stability	± 0.1% of FS		
Power	Output power/channel	90	W	
	Stability	± 0.2% of FS		
Time	Current rsponse time	Max rising time:20ms		
	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：30mV		
		Min current change：12mA		
	Frequency	10Hz		
Charge	Charge modes	CC、CV、CCCV、CP、CCCV forbattery pack		
	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		
CH parallel		If output current > 100A, then supported, in parallel mode pulse function is disabled		
Cycles	Max cycles	65535		
	Max steps	254		
	Nest	3		

NEWARE **Specifications**

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.
	Hardware protection	Fooproof protection with hardware protection level IP20
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
Data Export		EXCEL、TXT、CSV、PDF、Plot/Graph
Disk space		500GB
Leak current		0.015mA
Operation system		Windows 7/8/10 64bit
Communication port		Ethernet port

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 (Pictures just for reference)			
Clamps pictures (Pictures just for reference)			
Clamps types	Alligator	Polymer	Ring
Dimensions（W*D*H）(mm)	3U3F，480*730*130		