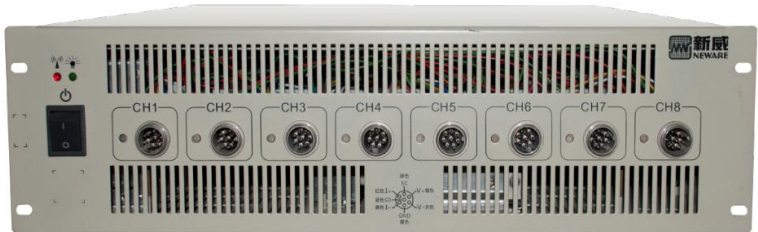





BTS4000-20V6A Battery testing system											
Model:	BTS4000-	20	V	6	A	Battery testing system	SN:	CT-4008	-20V6A	-	NA
Items		Values									
Input AC		AC 220V/110V \pm 10% / 50Hz									
Input power		1337 W									
Resolution		AD: 16bit; DA: 16bit									
Input impedance		\geq 1M Ω									
Voltage	CV output range	0.1V~20V									
	Min discharge voltage	2.5V									
	Accuracy	\pm 0.1% of FS									
	Stability	\pm 0.1% of FS									
Current	Output range/channel	0.03A~6A									
	Accuracy	\pm 0.1% of FS									
	CV cut-off current	0.012A									
	Stability	\pm 0.1% of FS									
Power	Output power/channel	120	W								
	Stability	\pm 0.2% of FS									
Time	Current response time	Max rising time:20ms									
	Working step time	\leq (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: 40mV									
		Min current change: 12mA									
	Frequency	10Hz									
Charge	Charge modes	CC、CV、CCCV、CP、CCCV for battery pack									
	Cut-off condition	Voltage、Current、Time、Capacity、 $-\Delta$ V									
Discharge	Discharge modes	CC、CP、CR									
	Cut-off condition	Voltage、Current、Time、Capacity、 $-\Delta$ 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									

Protection	Safety protection	<ul style="list-style-type: none"> • 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		0.02mA
Operation system		Windows 7/8/10 64bit
Communication port		Ethernet port
Operation and storage environment requirement		
Items		Values
Operation environment temperature		0°C~40°C (When the temperature is 25±10°C, the accuracy error caused by temperature change is less than 50ppm /°C)
Storage environment temperature		-10°C~50°C
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