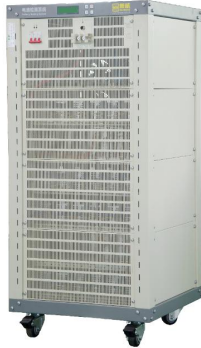


BTS4000-30V100A Battery testing system											
Model:	BTS4000-	30	V	100	A	Battery testing system	SN:	CT-4002	-30V100A	-	NA
Items		Values									
Input AC		AC 380V/208V $\pm$ 10% / 50Hz									
Input power		8101 W									
Resolution		AD: 16bit; DA: 16bit									
Input impedance		$\geq$ 1M $\Omega$									
Voltage	CV output range	0.15V~30V									
	Min discharge voltage	3V									
	Accuracy	$\pm$ 0.1% of FS									
	Stability	$\pm$ 0.1% of FS									
Current	Output range/channel	0.5A~100A									
	Accuracy	$\pm$ 0.1% of FS									
	CV cut-off current	0.2A									
	Stability	$\pm$ 0.1% of FS									
Power	Output power/channel	3000	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: 60mV									
		Min current change: 200mA									
	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"> <li>• Power-off data protection</li> <li>• Off-line operation mode</li> <li>• User-defined protection conditions, such as upper and lower limited current/voltage, delay time, temperature, etc.</li> </ul>		
	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		0.03mA		
Operation system		Windows 7/8/10 64bit		
Communication port		Ethernet port		
<b>Operation and storage environment requirement</b>				
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)		
<b>Clamps and dimensions</b>				
Items		Values		
Tester Pictures (Pictures just for reference)				
Clamps pictures (Pictures just for reference)				
Clamps types		Alligator	Polymer	Ring
Dimensions (W*D*H) (mm)		24U (19"), 600*600*1260		