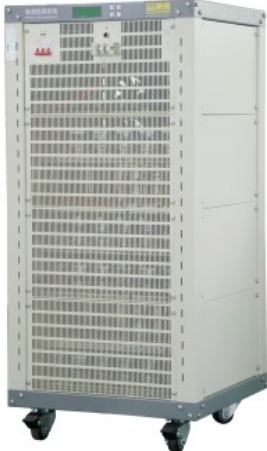


BTS-5V2000A Battery testing system													
Model:	BTS-	5	V	2000	A	Battery testing system		SN:	CT-4001	-5V2000A-	NA	-	P
Items		Values											
Input AC		AC 380V/208V ±10% / 50Hz											
Input power		17722 W											
Resolution		AD: 16bit; DA: 16bit											
Input impedance		≥1MΩ											
Voltage	CV output range	0.025V~5V											
	Min discharge voltage	2.5V											
	Accuracy	± 0.1% of FS											
	Stability	± 0.1% of FS											
Current	Output range/channel	10A~2000A											
	Accuracy	± 0.1% of FS											
	CV cut-off current	4A											
	Stability	± 0.1% of FS											
Power	Output power/channel	10000 W											
	Stability	± 0.2% of FS											
Time	Current response 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: 10mV											
		Min current change: 4000mA											
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												
CH parallel	If output current > 100A, then supported, in parallel mode pulse function is disabled												
Cycles	Max cycles	65535											
	Max steps	254											
	Nest	3											
<ul style="list-style-type: none"> Power-off data protection 													

Protection	Safety protection	<ul style="list-style-type: none"> 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, PDF	
Disk space	500GB	
Leak current	0.005mA	
OS	Windows 7/10, 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	
Clamps types	Ring connector	
Pictures		
	Pictures just for reference	
Dimensions (W*D*H) (mm)	30U (24") , 730*600*1520	
Note: not applicable for batteries with soft-reset functional protectoin board		