




Specifications of BTS3000n-5V6A

Model	BTS-5V6A	Battery tester	SN CODE	CT-3008n	-5V6A	-N-
Specifications		Values				
AC Input		AC 220V ±10% 50Hz / AC 110V ±10% 50Hz				
Input Power		400 W				
Resolution		AD: 16bit; DA: 16bit				
Input impedance		≥1MΩ				
Output voltage	CV output range	0.1V~4.9V				
	Min discharge voltage	1.2V(2m data wire)				
	Accuracy	± 0.05% of FS				
	Stability	± 0.02% of FS				
Output current	Output range	0.003A~6A				
	Accuracy	± 0.05% of FS				
	Stability	± 0.02% of FS				
Output power	Output power	30W/Channel				
	Stability	± 0.03% of FS				
Response time	Response time	Max current response time < 20ms				
	Working step time	≤(365*24)hour/step	Time format: 00:00:00.000(h,m,s,ms)			
Data record	Data record conditions	Min data record interval: 1Hz(1s)				
		Min voltage record: 10mV				
		Min current record: 0.001A				
	Frequency	1Hz				
Charge	Modes	CC, CV, CCCV, CP, CR				
	End condition	Voltage, Current, Time, Capacity, Voltage changes				
Discharge	Modes	CC, CP, CR, CV				
	End condition	Voltage, Current, Time, Capacity, Voltage changes				
Cycle	Max cycles	65535				
	Max steps	254				
	Max cycle nest	4				
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 features	Independent pairs of closed loop for constant current source and constant voltage source.		
Channels control mode	Independent control		
Data acquisition method	Kelvin connection		
Noise	<85dB		
Database	MySQL		
Communication	TCP/IP		
Data output	Xls, txt		
Computer disk requirement	500GB		
Operating system	Windows 7 for the best		
Communication port	Ethernet		
Channels	8		
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 than50ppm /°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		
Holder pictures			
	Universal holder	Alligator holder	Polymer holder
Dimensions(W*D*H)(mm)	3U , 480*330*130		