

## BTS5V30A8CH Battery Test System

Project Index		Parameter Index
Input AC Power		AC 220V ±10% / 50Hz
Input Impedance		≥1MΩ
Input Power		2127W
Resolution		AD:16bit;DA:16bit
Channel Features		Constant Current Source and Constant Voltage Source with Independent Pairs of Closed-loop Structure
Channel Control Mode		Independent Control
Voltage	Voltage Range	25mV~5V
	Lowest Discharge Voltage	2V
	Accuracy	± 0.1% of FS
	Stability	± 0.1% of FS
Current	Current Range	150mA~30A
	Cut Off Current	60mA
	Accuracy	± 0.1% of FS
	Stability	± 0.1% of FS
Power	Channel Max. Output Power	150W
	Stability	0.2% of FS
Time	Current Rise Time	The current gets to (10%-90%) hardware rise time is 20ms
	Step Time Range	1s≤Single Step Time Range≤365*24 h, Time Form Support 00: 00: 00:00(h, min, s, ms)
Data Recording	Record Condition	Min. Record Time:100ms
		Min. Record Voltage:10mV
		Min. Record Current::60mA
Record Frequency	10Hz	
Charge	Charge Mode	Constant Current Charge、 Constant Voltage Charge、 Constant Power Charge、 Constant Current and Constant Voltage Charge
	End Condition	Voltage、 Current、 Relative Time、 Capacity、 Relative Voltage
Discharge	Discharge Mode	Constant Current Discharge、 Constant Power Discharge、 Constant Resistance Discharge
	End Condition	Current、 Voltage、 Relative Time、 Capacity、 Relative Voltage
Pulse Model	Charge	Constant Current、 Constant Power
	Discharge	Constant Current、 Constant Power
	Min Pulse Width	500ms
	Pulse Number	Single Pulse Step Support 32 different Pulse
	Charge r To Discharge	One Pulse Step Can Support Continuous Charge And Discharge Change
	Stop Condition	Voltage、 Relative Time
DCIR Testing	Support Custom Access Point And Count The DCR	

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Cycle	Loop Measure Range	1~65535 times
	Max Steps Per Loop	254
	Nested Loop	Nested loop Function,Max. Support 3 Layers
Protective Function	Software Protection	Power-down Data Protection
		Off-line Testing Function
	Hardware Protection	Setting Protection Condition, Setting Parameter: Low Voltage Limit、Upper Voltage Limit、 Low Current Limit、 Upper Current Limit、 Delay Time Additional Anti-reverse Protection Model
Voltage and Current Testing Sample		4-Wire Connecting
Noise		<85dB
Data Management		MySQL Database
Communication Means		TCP/IP Protocol
Data Output		EXCEL、TXT
Communication Interface		Ethernet Port
No. Of Channels Per Unit		8
Dimensions (W*D*H)		600*600*740(mm)

## Equipment Working Environment

Project Index	Parameter Index
Working Temperature	0℃~40℃
Storage Temperature	-10℃~50℃
Working Humidity	≤ 70% RH
Storage Humidity	≤80% RH



Only For Reference

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