Equipment model		CT-9002-5V6A-204n
Indicator project		**Index parameter**
Input power supply		AC 220V +10% / -20%, 50Hz;
Input power		500W
Resolution ratio		AD: 16bit； DA: 16bit
Input impedance		≥ 1000MΩ startup state (leakage current is 100μA when shutdown)
Channel characteristics		Four-range wide dynamic range high-speed sampling and high precision
Voltage	Voltage range per channel	Charging: 0 ~+5v; Discharge: -5V~5V(9.07 channel plate)
	Minimum discharge voltage	-5V
	Accuracy	± 0.02% of F.S.
	Stability	±0.01% of F.S.
Current	Current range per channel	Range 1: 0.1 μA-180 μA
		Range 2: 180 μA-6 mA
		Range 3: 6mA-180mA
		Range 4: 180mA-6000mA
	Accuracy	± 0.02% of F.S.
		Range 1: 36 nA
		Range 2: ± 1.2μA
		Range 3: ± 36μA
		Range 4: 1.2 mA
	Stability	±0.01% of F.S.
Power	Max power per channel	30W
	Stability	± 0.02% of F.S.
Time	Current response time	≤ 100μs(10% to 90% or 90% to 10%);
	Time range of work step	≥10ms
Data record	Recording condition	Time △ t: ≥1 ms
		Voltage △ u: ≥ 1mV
		Current △ I: ≥100nA
	Recording	1000Hz (continuous charge-discharge mode)

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Equipment model		CT-9002-5V6A-204n
Indicator project		**Index parameter**
	frequency	
Charge	Charging mode	Constant current charging/constant current charging/constant voltage charging/constant power charging/constant power charging/constant resistance charging
	Cut-off condition	Voltage, current, relative time, capacity, energy, power
Discharge	Discharging mode	Constant current discharge/constant power discharge/constant resistance discharge/pulse discharge/constant current and constant voltage discharge;
	Cut-off condition	Voltage, current, relative time, capacity
DCIR test		Support DCIR measurement steps
Circulate	Cycle measuring range	1~65535 times
	Single cycle step number	255
	Cyclic nesting	With nested loop function, it supports up to 4 levels of nesting.
Protect	Software protection	Power failure data protection
		With offline test function.
		Safety protection conditions can be set, and the parameters that can be set include: voltage upper limit/voltage lower limit/current upper limit/current lower limit/capacity upper limit protection/voltage fluctuation protection/current fluctuation protection;
Voltage and current detection sampling		Four-wire connection
Database		Using MySQL database to manage test data
Communication mode of upper computer		Based on TCP/IP protocol (100M Ethernet)
Data output mode		EXCEL2003,2010、TXT
Communication interface		Ethernet port
Number of main channels of equipment		Eight
Fixture type		Universal fixture (polymer fixture)
Server operating system		Windows 10
Code scanning function		The software can be realized, and the scanning gun is configured to

Equipment model	CT-9002-5V6A-204n
Indicator project	**Index parameter**
	scan, and the test data is bound with the bar code (the scanning gun is not included).

Equipment working environment requirements

Indicator project	Index parameter
Operating temperature range	25±5℃ (accuracy guaranteed), 25±20℃ (extreme service temperature)
Storage temperature range	0~60℃
Relative humidity range of working environment	≤70% RH (no water vapor condensation)
Relative humidity range of storage environment	≤80% RH (no water vapor condensation)