Unit type:		CT-9064-5V15A-APL
Indicator project		Indicator parameters
Enter the power supply		AC 380V +10% / -20%, 50Hz;
Interiorinput power		10000W
Resolution ratio		AD：16bit；DA：16bit
Input impedence		100M Ω boot state (leakage current is 50 nA during shutdown)
Channel characteristics		Four-range, wide dynamic range, high-speed sampling and high precision
Voltage	Voltage range per channel	Charging: 0~ + 5V; Discharge: + 5 V~ 2.85V
	Minimum discharge voltage	2.85V (line length: 2m)
	Accuracy	± 0.02% of FS
	Stability	±0.01% of FS
Current	Range of current per channel	Range 1:0.015mA- - -15 mA
		Range 2:15 mA- - -150 mA
		Range 3:150 mA- - -1500 mA
		Range 4:1500 mA- - -15000 mA
	Accuracy	± 0.02% of FS
		Range 1: ± 3 μA
		Range 2: ± 30 μA
		Range 3: ± 300 μA
		Range 4: ± 3 mA
	Stability	±0.01% of FS
Power	Single-channel output power	75 W
	stability	± 0.01% of FS
Time	Current response time	<= 150μS (10% to 90% or 90% to 10%);
	Working step time range	>=10ms
Auxiliary temperature	Probe type	T type thermocouple
	Test specification	-40 ~ + 110℃
	Certainty of measurement	± 1℃
	Sample rate	100Hz
Data logging	Record condition	Time t: 1ms~300s
		Voltage U: 1 mV ~ 5 V
		The current is from :0.15m A to 15 A
	Record frequency	1000Hz (continuous charge and discharge mode)
Charge	Charging mode	Constant current charge / constant current constant voltage charge / constant voltage charge / constant power charge / constant power constant voltage charge / constant resistance charge
	Cut-off condition	Voltage, current, relative time, capacity, energy, and power
Discharge	Discharge mode	Constant current discharge / constant power discharge / constant resistance discharge / constant current constant voltage discharge;
	Cut-off condition	Voltage, current, relative time, and capacity
DCIR test	Support for DCIR measurement steps	
Recurrence	Cycle measurement range	1 to 65,535 times
	Single cycle step number	255
	loop nesting	With a nesting cycle function, up to 4 layers of nesting support

Unit type:		CT-9064-5V15A-APL
Indicator project		Indicator parameters
protect	software protection	Power loss data protection
		With the offline test function
		Safety protection conditions can be set, parameters can be set including: voltage limit / voltage limit / current limit / current limit / capacity limit protection / voltage fluctuation protection / current fluctuation protection;
Voltage and current detection and sampling		Four-line connection
data base		The MySQL database was used to manage the test data
Upper-computer communication mode		Based on the TCP / IP protocol (100M Ethernet)
Data output mode		EXCEL2003,2010、TXT
Upper-computer communication mode		TCP/IP
Number of main channel of equipment		64
Server operating system		Windows 11，64bit
Scan code function		The software can implement, configure scanning gun scanning, test data and bar code binding (scanning gun is not included)
System expansion		Multi-machines expand communication through switches and routers

SMBUS characteristic

Indicator project	Indicator parameters
Hardware compatibility	Compatible with SMBUS, I2C communication protocol.
Software compatibility	Compatible with the standard specification field information instructions as defined by Smart Battery Data Specification Revision 1.1
Data read frequency	1S
MES data upload	Have
Number of computer-controlled channels	Multiple cabinets

Grilamp specifications and dimensions

Indicator project	Indicator parameters	
Types of fixtures	General clamp (polymer clamp), pictures for reference only, specific to the object	
		
Equipment size and equipment appearance (for reference, the specific version iteration may change)	Unit machine (W * D * H)	480*660*130(mm)------3U
	Complete machine (W * D * H)	606 * 800 * 1800 (mm)

Equipment working environment requirements

Indicator project	Indicator parameters
operating temperature range	25 ± 5℃ (accuracy guarantee), 25 ± 20℃ (limit use temperature);

Indicator project	Indicator parameters
Storage temperature range	0~60℃
Relative humidity range of the working environment	70% RH (no moisture condensation)
Storage environment relative humidity range	80% RH (no moisture condensation)