



### 512 Channel 5V2A Battery Capacity Tester For Polymer Battery

The device is mainly composed of a communication interface and a battery detection cabinet. The battery testing cabinet is composed of battery clamp and a plate body to placing fixture, a constant current constant voltage source, a registration control circuit, a sampling circuit, a single chip microcomputer and a control panel.

- Brand:TOB NEW ENERGY
- Item No.:TOB-512-2LP
- Order(Moq):1set
- Payment:L/C,T/T,Western Union,
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:60

## Product Detail

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## SPECIFICATIONS

**TOB-512-2LP** The device is mainly composed of a communication interface and a battery detection cabinet. The battery testing cabinet is composed of battery clamp and a plate body to placing fixture, a constant current constant voltage source, a registration control circuit, a sampling circuit, a single chip microcomputer and a control panel.

This is 5V2A forming and grading machine,also provide other specification forming and grading machine ,like 5V5A,5V10A, please contact with us to get more specification.

### Technical parameter

Model	TOB-512-2LP
Channel No.	512
Workflow control method	Whole Cabin control
Charging model	Constant voltage,constant current
Charge cutoff condition	Voltage, current, time, capacity
Discharge mode	Constant current
Discharge cutoff condition	Voltage, time, capacity
Sampling inspection cycle	≤10s
Voltage measurement range	0~5V, Resolution 1mV
Battery voltage range	Charge : 0~4.5V, Discharge : 4.5~2.5V
Constant voltage range	3~4.5V
Voltage accuracy	± (0.05%RD+0.1%FS)

Current range	Charge:0.01-2A, Discharge :0.01-2A, Resolution:1mA
Current accuracy	$\pm (0.1\%RD+0.1\%FS)$
Time Set Range	Any setting within 0~30000 minutes, the time unit is min
Time accuracy	$\leq \pm 0.1\%$
Clamp type	Polymer clamp
Clamp adjust range	70mm
Support battery type	Pouch cell
Voltage source	3 phase 4 wire , AC380V $\pm 5\%$ , 50HZ , Power consumption9.5KW
communication method	RS485, Baud rate 57600
Machine size	1440mm (length) ×500mm (width) ×1840mm (height
working environment	Temperature : 0-40°C, related temperature $\leq 85\%$
Full load operating current	Phase line up to 15A, zero line up to 3A
Device startup current	Air switch closing moment about 60A
N.W	About 350kg
System main configuration requirements	Minimum configuration of computer system: CPU above P4, memory above 2G, hard disk space above 200G, EGA/VGA color display, one CD-ROM, one mouse, Microsoft™ Windows XP and above, one available RS232 serial communication port, Windows support Printer. The computer system is self-contained by the user, and the number of microcomputer systems is determined according to actual needs.

PRODUCT DISPLAY



Equipment can connect with computer, all test data can be seen easily.  
The sofware language can change to English.

