



**XIAMEN TOB NEW ENERGY TECHNOLOGY CO., LTD.**

Provide A Full Set Of Solutions For Battery Machines.

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## 512 Channel Cylindrical Battery Formation Charge And Discharge Machine



The battery grading and formation system is specially used for lithium ion Cylindrical Cell 18650 battery Formation and grading.

- Brand:TOB NEW ENERGY
- Item No.:TOB-CG-8512W-5V2A-S1
- Order(Moq):1set
- Payment:L/C,T/T,Western Union, Paypal
- Product Origin:China
- Shipping Port:XIAMEN
- Lead Time:35

## Product Detail

### **512 Channel Cylindrical Battery Formation Charge and Discharge Machine For 18650 Battery**

## SPECIFICATIONS

1. This equipment is mainly constituted by the computer system and control software, communication interface and battery detecting cabinet.
2. The tester is specially used for lithium ion Cylindrical Cell 18650 battery Formation and grading.

|                            |                                 |  |
|----------------------------|---------------------------------|--|
| Model                      |                                 | TOB-CG-8512W-5V2A-S1   |
| Input Power                |                                 | AC 220V $\pm$ 10% / 50Hz   |
| Whole power range          |                                 | 8300W  |
| Voltage                    | Test Range                      | 0.8V~4.3V  |
|                            | Accuracy                        | $\pm$ (0.2% of reading + 0.2% of range)                                  |
| Current                    | Output range                    | $\pm$ 2000mA   |
|                            | Accuracy                        | $\pm$ (0.2% of reading + 0.2% of range)                                  |
|                            | Constant voltage cutoff current | Min 15mA   |
| Time                       | Inspection time                 | Real time<2S   |
|                            | Timing range                    | 0~9999 min/step  |
| Data Logging Interval      |                                 | $\geq$ 20S   |
| Sorting condition          |                                 | Termination capacity (time)  |
| Central controller version |                                 | 6 series   |
| Charge                     | Charge Mode                     | Constant Current Charge、 Ni-MH battery charge,lithium ion battery charge |
|                            | End Condition                   | Voltage、 cutoff current、 Time、 Voltage variation                         |
| Discharge                  | Discharge Mode                  | CCD  |
|                            | End Condition                   | Voltage、 Time  |
| Cycle                      | Loop Measure Range              | 1~9999 times   |
|                            | Single cycle step               | 254  |
|                            | Nested Loop                     | Nested loop Function, Max Support 3 Layers                               |

|   |                            |  |
|---|----------------------------|--|
| <b>Protection</b>                         | <b>Software Protection</b> | <b>Power-down Data Protection</b>  |
|   |                            | Setting Protection Condition, overvoltage protection, undervoltage protection, overcurrent protection, undercurrent protection, at the mean time protect the voltage and current value can be set. |
| <b>Voltage and Current Testing Sample</b> |                            | <b>4-wire connecting</b>   |
| <b>Noise</b>                              |                            | <b>&lt;85dB</b>  |
| <b>Database</b>                           |                            | <b>MySQL Database</b>  |
| <b>Communication Interface</b>            |                            | <b>Ethernet Port</b>   |
| <b>Per Unit Main Channels No.</b>         |                            | <b>512</b>   |
| <b>Dimensions</b>                         |                            | <b>W*D*H : 1450*380*1780 (mm)</b>  |
| <b>Battery clamp type</b>                 |                            | <b>Upper and lower probe clamp</b>   |
| <b>Battery clamp adjust range</b>         |                            | <b>Max 80mm, clamp spacing 34mm</b>  |

## Battery grading and formation equipment



## PACKAGE AND SHIPPING

- 1 Standard exported package : Internal anticollision protection, external export wooden box package
- 2 Shipping by express, by air, by sea according to customer's requirements to suggest the most suitable shipping mode
- 3 Responsible for the damage during shipping process, change the damage part for free
- 4 Supply with suitable voltage input and power plug according to customer's country requirements.

## **SERVICES**

**1 We supply machines with battery technology support.**

**2 We can also supply a full set of materials for lithium battery including polymer battery, cylinder battery, mobile phone battery, EV battery.**

**3 We can also supply a full set of lithium battery equipment for lab research, pilot scale research and production line.**

**4 We can also supply a full set of battery technology for battery design, research and producing.**