

# SEED-106990328



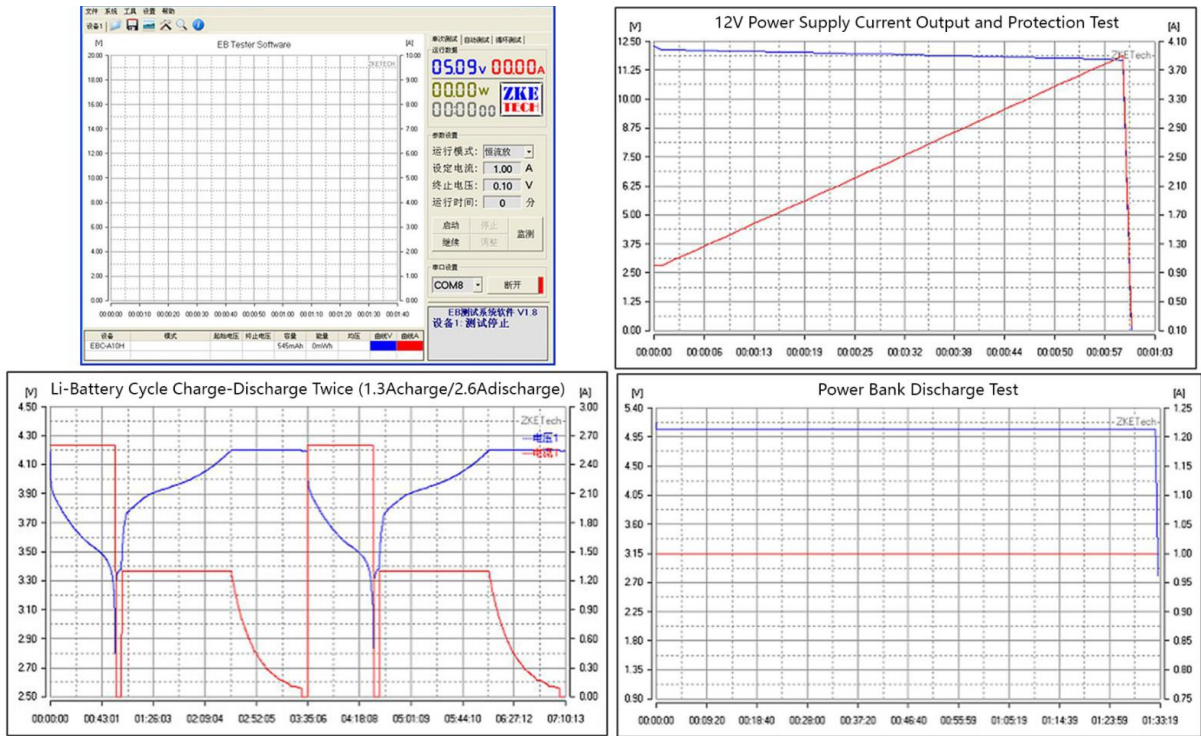
## PRODUCT DETAILS

### Features

- Performs battery capacity, charging/ discharging and power performance tests
- Supports up to 30V/10A/150W
- Has an AC Electronic Load
- Digital display of test data (voltage, current, capacity, time, power, energy)
- Four-wire connection method
- Built-in Fan for better heat dissipation
- Measurement representation through PC software

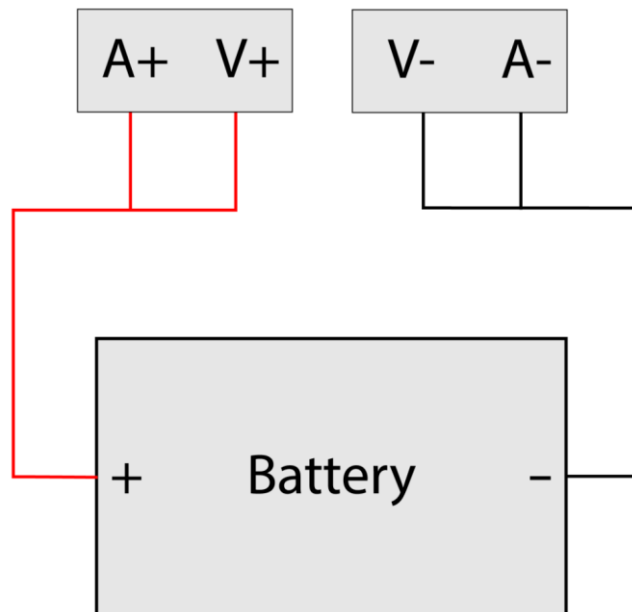
### Description

ZKETECH EBC-A10H is an electronic load suitable for various types of battery charge and discharge testing and power performance testing. A special software called "EB software" is used along with this device in order to precisely display the relevant test information. The software supports features such as curve drawing, computer control and can perform calibration benchmark tests and firmware upgrades.



### Connection Diagram

The tester has four connecting ports (V+/V-/A+/A-). This way of using four individual cables will improve the test precision drastically.



### Specifications

- Power Supply: AC 110-220V
- Voltage Setting: Discharge: 0.00-30.00V, 0.01V minimum step size/ Charging: 0.00-22.00V, minimum step size 0.01V

- Current Setting: Discharge: 0.05-10.00A minimum step size 0.01A (automatic current limit when power exceeds limit)/ Charging: 0.05-5.00A minimum step size 0.01A (maximum current limited by supply current)
- Discharge mode: DSC-CC: constant discharge current for testing battery capacity or supply current/ DSC-CP: Constant discharge power for simulating constant power equipment or testing power supply
- Charging mode: standard charging: support nickel hydrogen, nickel-chromium, lithium, iron lithium, lead acid/ CHG-CV: Custom constant current constant voltage charging, only for batteries
- Automatic charge and discharge: support automatic charging - discharge - charging mode for testing battery capacity
- Voltage Measurement: 0.002-4.500V (low voltage) accuracy is 0.003V, error  $\pm$  0.5%/ 4.50V-30.00V (high voltage) accuracy to 0.01V, error  $\pm$  0.5%
- Current Measurement: 0.05-10.000A, accuracy 0.005A, error  $\pm$ 0.5%
- Capacity Measurement: Within 10Ah, resolution is 0.001Ah/ 10Ah-100Ah resolution is 0.01Ah/ Above 100Ah resolution is 0.1Ah

### **Parts List**

1X ZKETECH EBC-A10H AC Electronic Load/Battery Capacity Tester/Power Supply Tester 30V 10A 150W  
 Power Cable  
 4X Crocodile Test clips  
 USB Interconnection Cable