

Battery Capacity Power Performance Electronic Load Tester Charger for Mobile Battery Computer 5V Output Model: EBC-A05+



Description

EBC-A05+ is an electronic load with charging function. It is suitable for charging and discharging capacitance test of various batteries, mobile power discharge test, charging head power performance test, support for connecting to computers, and more extended functions through online software.

Specifications:

- EBC-A05+30V-5A-60W
- Power Supply Mode: DC12V, current above 3.5A
- Voltage Setting: 0.00-30.00V, minimum step 0.01V (maximum voltage is 10V when charging)

Current Setting:

- Discharge: 0.050-5.000A, minimum step 0.01A (automatic current limit when power exceeds limit)
- Charging: 0.050-3.000A, minimum step 0.01A (maximum current is supply current 0.5A)

Discharge Mode:

- DSC-CC (constant current discharge): constant discharge current for testing battery capacity or supply current
- DSC-CP (constant power): constant discharge power for simulating constant power equipment or testing

power Supply:

- Charging mode: Standard charging: support nickel-metal hydride, nickel-cadmium, lithium battery, iron lithium, lead acid CHG-CV (constant voltage charge): custom constant current constant voltage charge (for battery only)

Measurement Mode:

- METER (Voltage and Current Meter): Measuring voltage and current functions
- Automatic charge and discharge: support automatic "charge-discharge-charge" mode, test battery capacity

Voltage Measurement:

- 0.000-4.500V (low pressure), accurate to 0.003V, error $\pm 0.5\%$
- 4.50V-30.00V (high pressure), accurate to 0.01V, error $\pm 0.5\%$

Current Measurement:

- 0.01A-5.000A, accurate to 0.005A, error $\pm 0.5\%$ Within 10Ah, resolution 0.001Ah

Capacity Measurement:

10Ah-100Ah, resolution 0.01Ah Above 100Ah, resolution 0.1Ah

Wiring Method:

- four-wire detection, voltage measurement and current channel separate wiring to ensure measurement accuracy
- LCD Display: test data of voltage, current, capacity, time, power, energy, etc.
- Computer Connection: Dedicated USB to TTL serial cable (MiniUSB port, not ordinary USB cable)
Computer control, drawing curves, calibrating measurement benchmarks, upgrading device firmware, cycling charge and discharge, etc.

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