Cylindrical Polymer Battery Charge Discharge Test Equipment 12.0 MA - 6000 MA Up To 5V

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: CT-4008T-5V6A
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Standard Export Wooden Packing
- Delivery Time: 7-20 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500 sets per month

Product Specification

- Name: Battery Charge And Discharge Tester
- Per Channel Current Range: Range 1:1.5 MA ~ 0.3 A; Range 2:15 MA ~ 3 A; Range 3:30 MA ~ 6 A;
- Channel Features: Constant Current Source And Constant Voltage Source With Independent Pairs Of Closed-loop Structure
- Channel Control Mode: Independent Control
- Per Channel Voltage Range: 25mV~5V
- Single-channel Maximum Output Power: 30W
- Highlight: **cylindrical Battery Charge Discharge Test Equipment**

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                                  polymer Battery Charge Discharge Test Equipment

Battery Charge and Discharge Tester for Pouch Cell and Cylindrical Cell Testing

Model: BTS-4000 Series 5V 6A Battery Tester

FEATURE

1. MRBEST-BTS-5V6A Battery tester equipment is an eight-channel battery analyzer to analyze polymer battery and cylindrical batteries from 12.0 mA to 6000 mA, up to 5V.

2. This battery test system provides most applications in battery testing fields such as electrode materials research, battery performance test, small-scale battery formation, capability grading, battery pack testing and etc.

SPECIFICATION

Model	5V6A Battery Tester MRBEST-BTS-5V6A
Electricity requirement	110V AC or 220V AC
Power Consumption	384W
Current	Range: 12mA – 6000mA Accuracy: ±(0.05% of reading + 0.1% of range)
Voltage	Range: 10mv-5v for charging, 2.5v-5v for discharging Accuracy: ±(0.05% of reading + 0.1% of range)
Max. measurement cycles	1-65535 cycles
Channels	Eight independent programmable channels Each channel can set different working modes and functions independently
Programs & Software	1.1 The software is included to set various working modes for measuring capacity and life cycle for all types of rechargeable batteries 1.2 Working modes Include constant current discharge, constant current charge, constant voltage charge, rest, cycles, etc. 1.3 Limited threshold conditions include voltage, current, time, capacity, negative voltage slope, etc. 1.4 With real-time monitoring windows and integrated graph/data windows, the testing process can be observed more directly and efficiently 1.5 During the test, the software will provide instructions and warnings for assistance
Test Reports and Curves for analysis	2.1 Different types of curves can be created by software base on user definition. (Voltage-time curve, current-time curve, capacity-voltage curve, loops times-charge/discharge capacity curve, loops times charge/ discharge efficiency curve, etc) 2.2 Data reports are created by software. User can easily compare the performance of the batteries tested in channels both visually and statistically
Protection and Auto-recover	If power failure occurs during testing, the system will shutdown all operating channels. Once power is recovered, the system will automatically resume those stopped channels and ensure that the test is normally conducted, so that no cases will lose any data.

Battery Holders	8 alligator clips with cable for universal connecting 8 spring load holders with adjustable length for measuring cylinder battery upto 70mm(H) 8 Polymer battery tester clamps for pouch cell testing
Warranty	One Year limited warranty with lifetime support
Application Notes	3.1 New buyers must buy the software-installed laptop to avoid trouble from installation. If you like to run multiple battery analyzers on one Laptop, you can just buy multiple analyzers with one laptop which is offered at a discounted price. 3.2 Customer can easily combine up to 20 battery analyzers by using normal Ethernet cable connector via one computer. 3.3 You may order movable rack to organize the battery analyzers
Product Dimensions	485mm(L) * 508mm(W) *263mm(H)
Net Weight	11.5 kg (26 lbs)