

2023 CATALOG

Since 1976

DHC[®]

BATTERY & ENERGY MANAGEMENT SOLUTIONS



www.dhctesters.com

Since 1976

DHC[®]

Intelligent Digital Battery Testers

Easy, Fast, Accurate, Affordable

Patented **Single Load, Dynamic Resistance Technology** minimizes battery drain during test. You will never be fooled by conditions such as surface charge, parasitic drain & contact impedance.

Test multiple lead acid battery builds including AGM Flat Plate, AGM Spiral & START-STOP.

- Test both charged and discharged batteries.
- Operation Temperature: 32° F - 122° F (0° C - 50° C)
- Test based on **CCA, DIN, EN, IEC & JIS (Battery Type No.)** ratings, the global industry standards for batteries.
- DHC Testers provide state of health and state of charge battery tests, starting tests and charging system tests.

Battery Tester Selection Guide

Since 1976
DHC[®] PROFESSIONAL SERIES

Model	Category	Description	Key Features
BT238	ENTRY LEVEL/TRIAGE TOOL	Used by Service Writers, Shop Managers, is an Entry Level/Triage Tool for use during vehicle service intake.	<ul style="list-style-type: none">• Compact Digital Battery & Complete Electrical System Tester• 12V Battery Test up to 1200 CCA - 12V Starter and Alternator Test• Clam Shell Packaging• No Printer• Conventional, Maintenance Free, AGM, Gel Cell and Marine Starting Batteries• 1-Year Warranty
RT777PRO	GOOD	Rugged work horse. Overmolded rubber bumpers adds durability for every day use. Price point is attractive for mechanics and technicians.	<ul style="list-style-type: none">• Battery & Complete Electrical System Tester• 6/12V Battery Test up to 2000 CCA - 12/24V Starter and Alternator Test• Blow Molded Case• Customizable printout results• Conventional, Maintenance Free, AGM, Gel Cell, Marine Starting Batteries and Start Stop EFB• Can Be Used With Six Languages• 1-Year Warranty
BT2010	BETTER	Used by multi-bay shops and garages and is feature rich to meet all battery, charging, and starting testing needs.	<ul style="list-style-type: none">• Battery & Complete Electrical System Tester• 6/12V Battery Test up to 3000 CCA - 12/24V Starter and Alternator Test• Blow Molded Case• Customizable printout results• Conventional, Maintenance Free, AGM, Gel Cell, Marine Starting Batteries and Start Stop EFB• Can Be Used With Six Languages• 1-Year Warranty
BT2000	BEST	Comprehensive and Professional Unit. Integrated Infra Red Thermistor (point and click) and ability to utilize accessories such as Amp Probes and Multi Meter Test Leads.	<ul style="list-style-type: none">• Battery & Complete Electrical System Tester• Integrated Temp Probe• 6/12V Battery Test up to 3000 CCA - 12/24V Starter and Alternator Test• Blow Molded Case• Customizable printout results• Conventional, Maintenance Free, AGM, Gel Cell, Marine Starting Batteries and Start Stop EFB• Can Be Used With Six Languages• Optional Amp Clamp & Volt Probe• Has Thermister for Temperature Compensation• 1-Year Warranty
BT2400 PRO	BEST	Combines decades of battery testing know-how into one dependable and flexible package for professionals and enables tests to be conducted with speed, convenience, and accuracy.	<ul style="list-style-type: none">• 6V, 12V, and 12V Start-Stop Battery Test• 12V & 24V Cranking/Charging System Test and IR Test• TFT-LCD Display with Intuitive Graphical User Interface• Wired & Wireless Connectivity via Wi-Fi or USB Type-A Port• Upload test results automatically through Wi-Fi.• Store and manage data through our cloud interface.• Integrated 1D/2D Barcode Scanner• Recall and Print Last 7 Days Test Results• 1-Year Warranty

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RT777 PRO

Battery Tester & Electrical System Analyzer



The RT777 PRO is a professional level tester which is upgraded from previous RT777 model. A full upgrade from inside to outside offers a more accurate measurement, easier readout and a durable casing design to meet the standard of automotive industry.

RT777 PRO FEATURES:

- *Easy-to-Read Intuitive Interface*
- *Complete Test Report & Fully Customizable Printout*
- *4 Color LCD different colors for different test results.*
- *Start/Stop & System Test Available. Includes latest LN series Start/Stop batteries.*
- *Combine Battery Test & System Test into a single task, providing a printout with a complete test result.*
- *Temperature compensation above/below 0°C (32°F)*
- *Detachable Cable for Easy Maintenance*
- *12 Month Limited Warranty*

Included Accessories:

Printing Paper / Hard Case / Detachable Test Lead / AA Batteries

RT777 PRO Specifications:

Test Range:	CCA: 40-2000
Application:	6V & 12V Batteries 12V Start/Stop Batteries 12V & 24V Electrical Systems
Voltage Range:	1.5Vdc - 30Vdc
Cable Length:	5.9 Feet / 180CM
Vehicle Types:	Automotive START-STOP Regular Flooded
Operating Temp:	0° C to 50° C (32° F to 122° F)

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BT2010

Battery Tester & Electrical System Analyzer

The BT2010 is an advanced diagnostic tool that is accurate, fast and affordable. The tester is designed for use on START-STOP battery systems with the added value of testing traditional automotive batteries and electrical systems.

BT2010 FEATURES:

- *Easy-to-Read Intuitive Interface*
- *Complete Test Report & Fully Customizable Printout*
- *Enhanced Flooded Battery (EFB) & AGM Test Availability*
- *Replaceable / Detachable Test Cables*
- *Reverse Polarity Protection*
- *12 Month Limited Warranty*

Included Accessories:

Printing Paper / Hard Case / AA Batteries



BT2010 Specifications:

Test Range:	CCA: 40-3000
Application:	6V & 12V Batteries 12V & 24V Electrical Systems
Voltage Range:	1.5Vdc - 30Vdc
Cable Length:	5.8 Feet / 1.8M
Vehicle Types:	Automotive START-STOP
Battery Types:	Regular Flooded AGM Flat Plate AGM Spiral Gel Enhanced Flooded AGM (START-STOP)
Operating Temp:	0° C to 50° C (32° F to 122° F)

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BT2000

Battery Tester & Electrical System Analyzer

The BT2000 is an advanced diagnostic tool that is accurate, fast and affordable. The tester is designed for use on START-STOP battery systems with the added value of testing traditional automotive batteries and electrical systems.

BT2000 FEATURES:

- *Easy-to-Read Intuitive Interface*
- *Complete Test Report & Fully Customizable Printout*
- *Advanced HTML Interface to Fully Utilize Test Data via USB Cable*
- *Enhanced Flooded Battery (EFB) & AGM Test Availability*
- *Detachable Cable for Easy Maintenance*
- *12 Month Limited Warranty*

Included Accessories:

Printing Paper / Hard Case / Software / USB Cable / AA Batteries



BT2000 Specifications:

Test Range:	CCA: 40-3000
Application:	6V & 12V Batteries 12V & 24V Electrical Systems
Voltage Range:	1.5Vdc - 30Vdc
Cable Length:	5.9 Feet / 180CM
Vehicle Types:	Automotive START-STOP
Battery Types:	Regular Flooded AGM Flat Plate AGM Spiral Gel Enhanced Flooded AGM (START-STOP)
Operating Temp:	0° C to 50° C (32° F to 122° F)

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BT2400 PRO

Cloud Ready Battery & Electrical System Tester

BT2400 PRO: THE NEXT-GEN IS HERE.

The BT2400 PRO combines decades of battery testing know-how into one dependable and flexible package for professionals and enables tests to be conducted with speed, convenience, and accuracy.

BT2400 PRO FEATURES:

- *Battery, Cranking, and Charging System Tester*
- *6V, 12V, and 12V Start-Stop Battery Test*
- *12V & 24V Cranking/Charging System Test and IR Test*
- *TFT-LCD Display with Intuitive Graphical User Interface*
- *Wired & Wireless Connectivity via WiFi or USB Type-A Port*
- *Upload test results automatically through Wi-Fi.*
- *Store and manage data through our cloud interface.*
- *Integrated 1D/2D Barcode Scanner*
- *Flexible Integrated Battery Type: AA or 18650 Li-Ion batteries*
- *Thermal Sensor for Battery Temperature Detection and Compensation.*
- *Built-in 2" Thermal Printer & Customizable Facility Information*
- *Detachable/Replaceable 5.9' Cable*
- *Built-in Clamp and Cable Diagnostic Capability*
- *Strong and Durable Heavy-Duty Case Design*
- *Test Code Decoder for Decoding and Saving Test Records*
- *Recall and Print Last 7 Days Test Results*
- *12-Month Warranty*



BT2400 PRO Specifications:

Operating Range:	CCA: 25 to 3,000
Application:	6V/12V/12V Start-Stop Battery Test, 12V/24V System Test, Internal Resistance Test
Voltage Range:	1V - 32V
Battery Types:	Flooded, AGM Flat/Spiral, EFB, VRLA, GEL
Battery Ratings:	CCA/SAE, EN, EN2, IEC, JIS, DIN, CA/MCA
Operating Temp:	0 - 50°C (32 - 122°F)
Sensor Array:	Barcode Scanner Temperature Sensor
Connection:	WiFi and USB Type-A
Cloud Enabled:	Yes

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DHC® BTW350

Complete Battery Management System



BTW350 FEATURES:

- *App-based Bluetooth interface.*
- *Easy to understand yet comprehensive test report.*
- *Record all necessary data: VIN, S/N, etc.*
- *Share test results with customer through text or image.*
- *Tests select 6V/8V golf car batteries*
- *Supports 6V and 12V batteries.*
- *Includes 12V and 24V system test for a more comprehensive diagnostic.*
- *Instant voltage monitoring - see performance in real time.*
- *In-Field Firmware Update: Ready for future battery technology and additional functionality.*
- *Light weight, easy to carry.*
- *Perfect for roadside assistance.*
- *IP65 Rated weather-sealed chassis.*
- *Optional oil resistance clamp-cable set*
- *12-Month Warranty*

BTW350 Specifications:

Operating Range:	CCA: 40-2000
Application:	6V, 12V, 12V Start-Stop Battery Test, 12V, 24V System Test
Voltage Range:	1.5V - 32V
Battery Types:	6V and 12V Flooded, AGM Flat, AGM Spiral, EFB, VRLA, GEL, PS Flooded, PS AGM Batteries, 12V AGM Flat, EFB Start-Stop Batteries
Battery Ratings:	CCA/SAE, CA/MCA, JIS, EN, DIN, IEC
Operating Temp:	0 - 50°C (32 - 122°F)

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DHC® BT2000HD

Heavy Duty Truck Battery & System Tester

Specializing in Advanced Battery & Electrical Diagnostics
Designed exclusively for the heavy duty commercial and fleet market. DHC is excited to introduce the BT2000HD advanced heavy duty battery/electrical systems test platform with DHC "SMART" HTML PC interface.

BT2000HD FEATURES:

- *Easy-to-Read Intuitive Interface*
- *Complete Test Report & Fully Customizable Printout*
- *Advanced HTML Interface to Fully Utilize Test Data via USB Cable*
- *"SPEED CHECK" To Test Battery Packs, Individual Batteries and Electrical Systems.*
- *12 Month Limited Warranty*

Featuring patented single load, dynamic resistance technology that provides accurate results for the HD repair, mobile truck and trailer diagnostics. The BT2000HD is professionals first choice when working on commercial vehicles, heavy duty equipment, semi trucks, tractor trailers, buses and recreational vehicles.



BT2000HD Specifications:

Test Range:	CCA: 100-6000 DIN: 60-1685 IEC: 70-1985 EN: 100-2830 JIS: By Part No.
Voltage Range:	1.5Vdc - 60Vdc
Cable Length:	14.8 Feet / 450CM
Application:	Automotive/LTV Group 31 Commercial PowerSport
Operating Temp:	0° C to 50° C (32° F to 122° F)

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OCV5

Digital Battery & Alternator Mini Tester

Designed for easy user friendly use, the OCV5 advanced voltmeter provides a quick easy battery and alternator test. Featuring an easy-to-read display and LED indicators, it can be used to test 6, 12, 24 volt battery and 12 volt alternator, giving a quick and accurate test.

Featuring simple instructions and easy to read backlit display, it is the perfect battery and alternator diagnostic tool for the DIY or service professional.

BT238 FEATURES:

- *Easy-to-Read Backlit Meter*
- *LED Indicator for Alternator Test*
- *Compact Pocket Design*
- *Reverse Polarity Protection*
- *Over-Voltage Protection*



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DHC® BT238

Printerless Battery / Starter / Charging System Tester

The BT238 is designed for the professional and made affordable for the DIY customer! The BT238 offers accurate measurement, easy-to-read large LED number/text display and a durable casing design to meet the standard of automotive industry.

BT238 FEATURES:

- *Microprocessor Controlled*
- *No Heat & Spark*
- *Auto Power Off*
- *Easy-to-Read 4 Digital 7 Segment LED Number/Text Display*
- *Easy to Understand 4 LED Battery Status Indicators*
- *Accurate Test Results in 2 Seconds*



BT238 Specifications:

Test Range:	CCA: 100-1200
Battery Tests	CCA, EN, IEC, DIN, CA
Application:	12V SEAL(GEL), SLI, AGMS(SPL), AGMF(FLAT) Battery 12V Charging/Starting System
Voltage Range:	7Vdc - 15Vdc
Dimensions:	L125xW75xH22
Operating Temp:	0° C to 50° C (32° F to 122° F)

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DHC® BT2300 PLUS

Tester-Charger Combo Unit



Cloud-Ready Battery Service Station

BT2300 PLUS is a cloud-ready battery service station. It not only performs real load test and uploads the test results to the cloud via WiFi automatically, but also 12V lead-acid, EFB, AGM, VRLA, LFP battery charge & power supply for ECU programming. Other than that, it features VIN scan, field upgrade, PC data link, and PDI (Pre-Delivery Inspection) charge with quick diagnostic.

BT2300 PLUS FEATURES:

- *Easy-to-Read Intuitive Interface*
- *Complete Test Report & Customizable Printout*
- *4 Color LCD: Different Colors for Different Results*
- *Wi-Fi Transmission & Cloud Management*
- *Field Upgrade via WiFi or USB Port*
- *Power Supply for ECU Reflash*
- *VIN Code Scan via USB Scanner or Enter Manually*
- *“SET-N-GO” Automatic Testing/Charging Procedure*
- *Battery Charge & Fast Diagnostic*
- *Detects 80%+ Bad Batteries During Charge*
- *Auto Charge, PDI Charge, & LFP Battery Charge*
- *Precise Temperature Compensation*
- *10-foot Heavy Duty Detachable Cable*
- *Optional Voltage & Current Meter*

BT2300 PLUS Specifications:

Operating Range: CCA: 100 - 1,500

Testing Application: 12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL, 12V/24V Cranking/Charging System

Charging Application: 12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL, Lithium (LFP), 50 Amps Maximum

Power Supply: 13.0-14.5V, 50 Amps Maximum (for ECU Flashing)

Voltage Range: 1V - 31.5V

Battery Types: 12V Flooded, VRLA/GEL, AGM Flat, AGM Spiral, EFB

Battery Ratings: CCA/SAE, EN, JIS, DIN, IEC

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DHC® AE12000U

120A Multi-Purpose Battery Charger and Power Supply

The 4-in-1 Solution

The AE12000U has four operating modes:

- Battery Charging Mode 100 Amps
- Power Supply Mode 120 Amps
- Showroom Mode 50 Amps
- Memory Saver Mode 30 Amps



The AE12000U is a multi-purpose battery charger and power supply. With the capability to provide 120A of sustained output, it is suitable for a diverse set of applications. It can be powered by either 110 – 120V (20A) or 220 – 240V AC input.

AE12000U FEATURES:

- *120A Power Supply Mode for ECU and module programming.*
- *Battery Charging Mode supplies up to 100A charging current.*
- *Showroom Mode Supplies 50A of power silently.*
- *Memory Saver Mode Retains ECU and module memories while changing battery.*
- *4 Backlit Color Display.*
- *USB Type-B Interface.*
- *Ergonomic Fully-Insulated Heavy-Duty Clamps.*
- *Reinforced Output Connector.*
- *Includes wall mount bracket and UI rotating feature.*
- *12-Month Warranty.*

AE12000U Specifications:

Battery Types:	12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL, Lithium (LFP)
Charge Capacity:	20Ah - 1000Ah
Max Sustained Output (Mode Dependent)	Battery Charge.....100A Power Supply.....120A Showroom50A Memory Saver30A
Protection (Message & Buzzer)	Reverse Polar Short Clamp Over Voltage Over Current Over Temperature
Clamp-Cable Length:	3m or 5m (approx. 9.8ft or 16.4ft)
AC Cord:	3m (approx. 9.8ft)
Operating Temperature:	0 - 40°C (32 - 104°F) With Active Cooling

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Battery Tester Accessories



DHC PART NUMBER		DESCRIPTION
Parts and Accessories		
RT777 Series		
R771	6'	6' Replacement Cable Lead - RT777
R773		Battery Cover
R774		Paper Cover (Clear)
100B701006		Paper Cover (Smoke)
R775		Cable Cover
324BT1000000		Replacement Cable - RT777PRO
BT2000 Series		
R201	6'	6' Replacement Cable Lead
320B200004	15'	15' Replacement Cable Lead - BT2000HD
324BT1000000		Replacement Cable - BT2100
R773		Battery Cover
10122000000		Printer Roller
1019309201		Amp Clamp
1027241801		Probe
Printer Paper		
350B701000	2 1/4"	2 1/4" Thermal Printer Paper

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