

# PRODUCT GUIDE

## TESTER

BT2400 Series.....	1
Fast Pack Testing.....	3 <small>NEW</small>
Industrial Batt. Testing.....	4 <small>NEW</small>
BTW350.....	5
BTW200.....	6
BT2300 Plus.....	7
BT1100/HD.....	8 <small>NEW</small>
BT1000.....	9
BT797.....	9
BT900.....	10
Tester Accessories.....	10
BT400.....	11
BT300.....	11
BT282.....	11
BT222.....	11
500A2.....	12
50113.....	12
60113.....	12
50888.....	12
60888.....	12

## CHARGER

AE12000 Series.....	13
AK5000U.....	15 <small>NEW</small>
AEA/AEE1500.....	16 <small>NEW</small>
AE500E.....	17
SCM54E.....	18
AEA/AEE400.....	18
AEA/AEE1.2.....	18

## SERVICES

DHC IoT Platform.....	19 <small>NEW</small>
DHC Cloud Service.....	21



# BT2400 Series

## Professional Battery & Electrical System Tester



Colored LCD Display with Intuitive UI



Wi-Fi Enabled

\*BT2400 Pro only



Integrated Temperature Sensor

\*excluding BT2410



Integrated / External Barcode Scanner



DHC Cloud or PC Software Support

## The Next-Gen Is Here

The BT2400 Series from DHC combined decades of battery testing know-how into one dependable and flexible package for professionals. We offer four different models to suit a wide range of applications, requirements, and budget.

We have also equipped the BT2400 Series with an array of sensors and I/O ports, which enable tests to be conducted with speed, convenience, and accuracy.

All model of the BT2400 Series supports management systems like the DHC Cloud Service or DHC PC Software. They enable the user to review and manage test results and other data with ease.

Firmware update is also supported on every model, through which we can provide new features and updates, making the BT2400 Series ready for the tasks of today and the future.

# BT2400 Series Specifications

Model	BT2400 Pro	BT2400 HD	BT2400	BT2410
Feature				
Application	6V, 12V lead-acid battery tests 24V lead-acid battery tests (HD only) 12V battery pack tests (2 to 6 in parallel or 2 in series connection, HD only) 12V, 24V cranking/charging system tests Internal resistance tests			
Battery Types	Flooded, AGM Flat/Spiral, EFB, VRLA, GEL			
Battery Ratings	CCA/SAE, CA/MCA, EN, EN2, IEC, DIN, JIS			
Operating Range	25 to 3,000 CCA/SAE (single battery) 25 to 6,000 CCA/SAE (parallel pack, HD only)			
Barcode Scanner	Intergrated	Support USB barcode scanner (USB HID-KBW)		
Temperature Sensor	Integrated			-
Wireless Connection	Wi-Fi 2.4GHz	-	-	-
Wired Connection	USB Type-A			
Fimware Update	OTA	via DHC PC Software		
Result Management	DHC Cloud	DHC PC Software		
Printer	2-inch Thermal Printer with Custom Printout Support			
Display	2.8-inch Colored TFT-LCD			
Input Device	6-key Keypad			
Detachable Clamp Set	1.8m (6ft)	4.5m (14.8ft)	1.8m (6ft)	1.8m (6ft)
Internal Battery	AA Alkaline/NiMH Batteries or 18650 Li-Ion Batteries			
AM/VM Support	Yes (volt probe and amp meter sold seperately)			-
Dimensions	285 x 140 x 75mm (approx. 11.2" x 5.5" x 3")			
Operating Languages	EN, FR, DE, ES, IT, PT, PL, NL, TR			



## Barcode Scanner

built-in or external barcode scanner can be used to accelerate VIN input.

built-in scanner of BT2400 Pro shown



## Temperature Sensor

get accurate temperature reading instantly.

not available on BT2410



## DHC Cloud Service

a powerful tool for storing, reviewing, and analysing test results.

available on BT2400 Pro

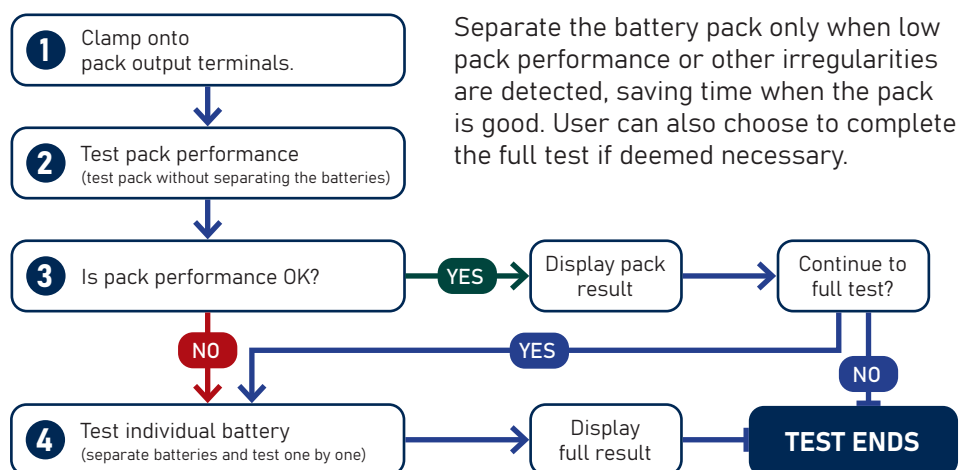
# FAST PACK TESTING

Save time with our 12V battery pack testing feature, it supports 12V batteries in parallel or series connection.

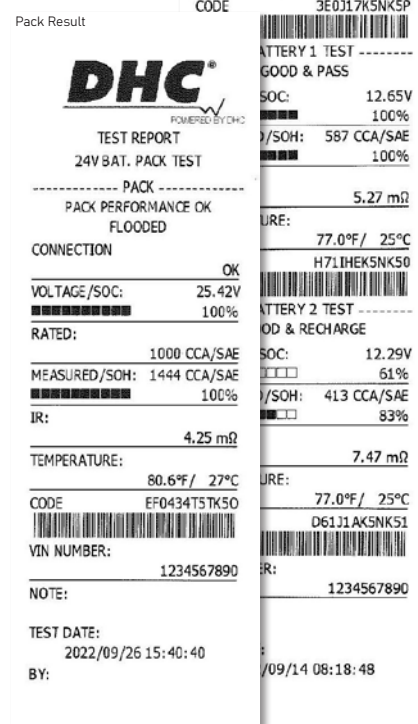
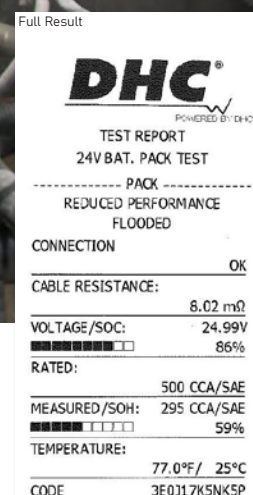
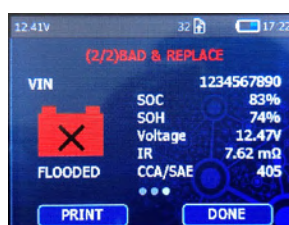
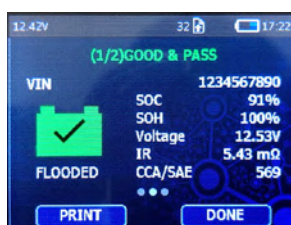
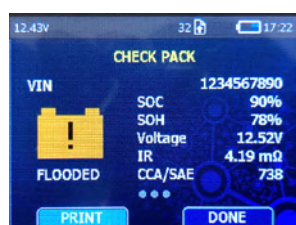
- Available on BT2400 HD and BT1100 HD -



## TIME SAVING 2-STEP DESIGN



Separate the battery pack only when low pack performance or other irregularities are detected, saving time when the pack is good. User can also choose to complete the full test if deemed necessary.



# INDUSTRIAL BATTERY TEST

Multi-battery testing and custom profile saving for industrial applications.

- Coming soon on the BT2400 IND -



## 1. CUSTOM PROFILE

Users can set custom profiles for individual batteries or battery packs. It records the baseline internal resistance, so batteries can be judged using the industry standard resistance growth percentage.

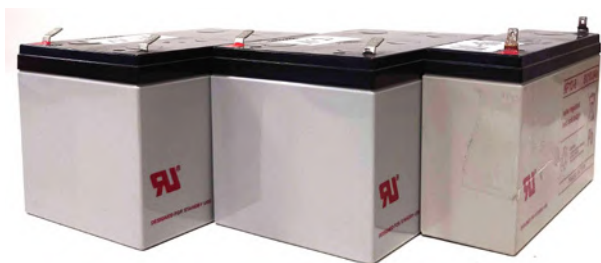
Growth percentage threshold can also be customized to suit battery application and organizational regulations.

## 2. NON-STOP TESTING

Specially designed testing procedure allows the user to test batteries one after the other without pausing.

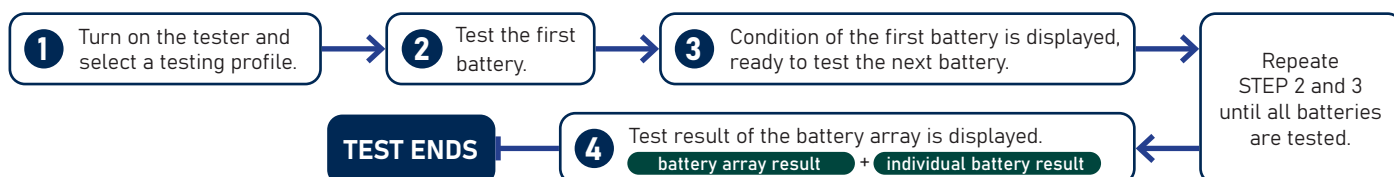
## 3. INTERNAL RESISTANCE

In contrast with starting batteries used by internal combustion engines, industrial batteries are judged primarily using internal resistance (mΩ).



Perfect for application like UPS, forklift, and more.

## TESTING PROCEDURE



# Wireless Testers



## BTW350



### Wireless Battery and Electrical System Tester

#### HIGHLIGHT



##### Durable

IP65 rated, ready for any mission



##### Fully Featured App

test, review, share with few simple taps



##### Built-in Battery

stay connected when moving around



##### Easy Intergration

can be modified to fit your operation

#### KEY SPEC

##### Battery Tests

6V, 12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL

##### System Tests

12V, 24V Cranking/Charging System

##### Rating Standards

CCA/SAE, CA/MCA, EN, IEC, DIN, JIS

##### Operating Range

40 to 2,000 CCA/SAE

##### Wireless Connectivity

Bluetooth 4.2

##### App Support

Android 5.1 or later, available on Google Play

iOS 12 or later, available on App Store

##### Clamp-Cable Set

0.6m (approx. 2ft) Detachable

##### Dimensions (LxWxH)

100 x 70 x 30mm (approx. 4" x 2.8" x 1.2")

##### Operating Languages

EN, FR, DE, ES, IT, PT

#### COMPANION APP



##### Custom Information

add customer name, job number, job type, and other information for test result tracking and referencing

##### Comprehensive Test Result

shows all the parameters of battery performance

##### Display Shop Info

includes your shop information on test result for customer reference

#### ROBUST CLAMP-CABLE SET

##### Built-in Clamp-Cable Diagnostics Capability

##### Fully Insulated

##### Strong Strain Relief



# BTW200



## Wireless Battery and Electrical System Tester

Actual Size! →



### HIGHLIGHT



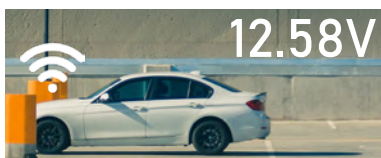
#### Ultra Compact

fits most battery compartment



#### Dual Attachment

1. Y-terminal
2. clamp set



#### Always Monitoring

under/over voltage push notification



#### Fleet Application

active prevention of "no-start" situation

### KEY SPEC

#### Battery Tests

12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL

#### System Tests

12V, 24V Cranking/Charging System

#### Rating Standards

CCA/SAE, CA/MCA, EN, IEC, DIN, JIS

#### Operating Range

40 to 2,000 CCA/SAE

#### Wireless Connectivity

Bluetooth 4.2

#### App Support

Android 5.0 or later, available on Google Play

iOS 10 or later, available on App Store

#### Clamp-Cable Set

0.3m (approx. 1ft) Detachable with Dual Attachment

#### Dimensions (LxWxH)

70 x 45 x 15mm (approx. 2.8" x 1.5" x 0.6")

#### Operating Languages

EN, FR, DE, ES, IT, PT

### COMPANION APP

#### Main Feature Set

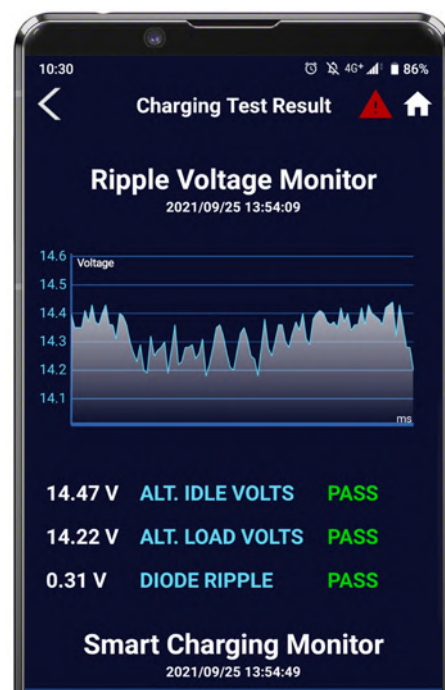
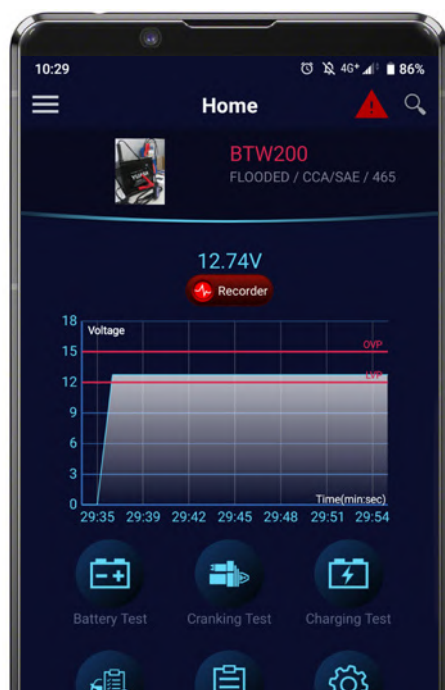
- battery test
- system test
- smart alternator diagnostics
- test history
- live voltage reading

#### Testing Capabilities

- quick and easy setup
- complete test in seconds
- VIN and SN recording
- shareable test result

#### Additional Features

- graph aided diagnosis
- barcode/QR code scanner
- test notes
- support DHC Cloud Service
- OTA firmware update



# Tester-Charger Combo Unit



## BT2300 Plus



### Cloud Ready Battery Service Station

## HIGHLIGHT



#### The Combo Unit

perform test and charge in one single unit, also support volt meter and amp clamp



#### Charge Dianostics

detect up to 80% of bad batteries during charge, save time and hassel



#### Perfect for Pre Delivery Inspection (PDI)

ensure battery performance, automatic test-charge cycle, minimize attention needed



#### Who, What, When

support test result upload to DHC Cloud Service with detailed records of user, action, and time

## KEY SPEC

### Tester Application

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

### Charger/Power Supply Application

Charger: 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)

### Rating Standards

CCA/SAE, EN, IEC, DIN, JIS

### Operating Range

100 to 1,500 CCA/SAE (Real Load Test Up To 1,000 CCA/SAE)

### Wireless Connectivity

IEEE 802.11 b/g/n 2.4GHz (Wi-Fi)

### Additional Features

Date, Time, Test Counter, Test Code, Temp. Compensation, IR Reading, USB Barcode Scanner Support (USB HID-KBW), PC Software, Firmware Update (OTA+PC Software), VIN recording, Auto Test+Charge Procedure, Auto Charge Mode, PDI Charge Mode, Charge Diagnostics, AM/VM Support, Result-Based 4 Backlight Color LCD

### Clamp-Cable Set

3m (approx. 9.8ft) Detachable with Temperature Sensor

### Dimensions (LxWxH)

398 x 306 x 235mm (approx. 15.7" x 12" x 9.3")

### Operating Languages

EN (more languages possible)

# Printer-Equipped Testers



## BT1100 BT1100 HD



### Battery and Electrical System Tester

#### KEY SPEC

##### Battery Tests

6V, 12V, 24V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL (24V is HD exclusive)  
12V Battery Pack (2 to 6 in parallel / 2 in series connection, HD only)

##### System Tests

12V, 24V Cranking/Charging System

##### Rating Standards

CCA/SAE, CA/MCA, EN, EN2, IEC, DIN, JIS

##### Operating Range

25 to 3,000 CCA/SAE | 25 to 6,000 CCA/SAE (parallel pack, HD only)

##### PC Software

Yes, for result management and firmware update

##### Wired Connection

USB Type-C

##### Additional Features

Date, Time, Test Counter, Test Code, Temp. Compensation, IR Reading

##### Printer

Yes, 2" easy-load

##### Clamp-Cable Set

1.8m (6ft) Detachable | 4.5m (14.8ft) Detachable (HD only)

##### Dimensions (LxWxH)

256 x 108 x 81mm (approx. 10.1" x 4.3" x 3.2")

##### Operating Languages

EN, FR, DE, ES, IT, PT, PL, NL, TR

#### HIGHLIGHT



Colored LCD Display

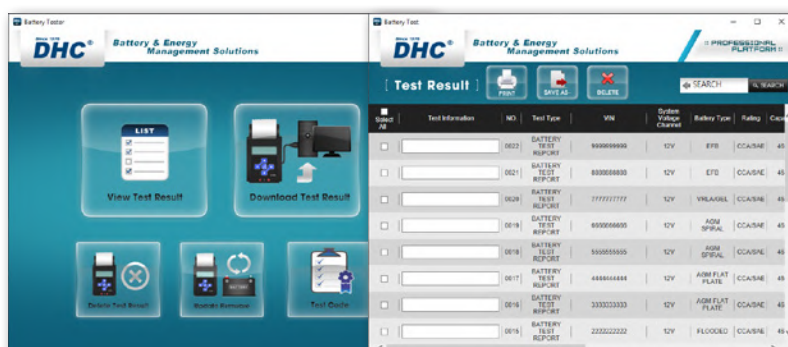


1.8m Detachable  
Clamp-Cable Set



Supports DHC PC Software

#### DHC PC Software



##### Key Features:

1. Download test result from tester.
2. Search, review, print and export test result.
3. Decode, search, review, print and export test code data.
4. Tester firmware update.

also available on: BT2400 Series

#### Heavy Duty Model



Heavy duty (HD) models are available for testing battery packs on trucks and other heavy machinery. They are equipped with pack testing capabilities and an extended 4.5m clamp-cable set.

available on: BT1100 HD and BT2400 HD

\*BT2400 HD shown above



# BT1000



## Battery and Electrical System Tester

### HIGHLIGHT



Result-Based  
4 Backlight Color LCD



1.8m Detachable  
Clamp-Cable Set



2" Thermal Printer with  
Customisable Printout

### KEY SPEC

#### Battery Tests

6V, 12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL

#### System Tests

12V, 24V Cranking/Charging System

#### Rating Standards

CCA/SAE, CA/MCA, EN, IEC, DIN, JIS

#### Operating Range

40 to 2,000 CCA/SAE

#### Additional Features

Date, Time, Test Counter, Test Code, Temp. Compensation, IR Reading

#### Clamp-Cable Set

1.8m (approx. 6ft) Detachable

#### Dimensions (LxWxH)

250 x 130 x 45mm (approx. 9.8" x 5.1" x 1.7")

#### Operating Languages

EN, FR, DE, ES, IT, PT

### 4 BACKLIT COLOR LCD



Changing Display Backlit Color Depending on Test Results.

Green: Good Battery  
Orange: Recharge & Retest  
Red: Bad Battery

also available on: BT2300 Plus, BT797



# BT797



## Battery and Electrical System Tester

### HIGHLIGHT



Result-Based  
4 Backlight Color LCD



1.8m Detachable  
Clamp-Cable Set



2" Thermal Printer with  
Customisable Printout

### KEY SPEC

#### Battery Tests

6V, 12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL

#### System Tests

12V, 24V Cranking/Charging System

#### Rating Standards

CCA/SAE, CA/MCA, EN, DIN, JIS

#### Operating Range

40 to 2,000 CCA/SAE

#### Additional Features

Date, Time, Test Counter, Temp. Compensation, IR Reading

#### Clamp-Cable Set

1.8m (approx. 6ft) Detachable

#### Dimensions (LxWxH)

255 x 135 x 45mm (approx. 10" x 5.3" x 1.7")

#### Operating Languages

EN, FR, DE, ES, IT, PT

### REMOVEABLE PROTECTIVE BOOT

Protects the tester from daily wear and tear. Improves grip and shock resistance. Can be replaced if damaged.



also available on:  
BT2400 Series, BT1100, BT1100HD, BT900, BT400



# BT900



## Battery and Electrical System Tester

### HIGHLIGHT



Adjustable Brightness  
Backlit 4-Line LCD



Portable Design  
Excellent Usability



2" Thermal Printer with  
Customisable Printout

### KEY SPEC

#### Battery Tests

12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL

#### System Tests

12V, 24V Cranking/Charging System

#### Rating Standards

CCA/SAE, CA/MCA, EN, IEC, DIN, JIS

#### Operating Range

40 to 2,000 CCA/SAE

#### Additional Features

Date, Time, Test Counter,  
Temp. Compensation, IR Reading

#### Clamp-Cable Set

0.8m (approx. 2.6ft)

#### Dimensions (LxWxH)

234 x 102 x 28mm (approx. 9.2" x 4" x 1.1")

#### Operating Languages

EN, FR, DE, ES, IT, PT

### EASY LOAD PRINTER

No need for paper feeding or threading,  
greatly reduce reload time, just drop-in,  
push, and go.



also available on:  
BT2400 Series, BT2300 Plus, BT1100, BT1100HD

## Accessories

### Voltage Probe

measures DC voltage  
on supported models.  
(includes clamp)



### Ampere Clamp

measures current  
on supported models.  
(requires 9V battery)



### Thermal Printer Paper Roll



### CT Package

certain models are available with the CT Package, which includes Voltage  
Probe and Ampere Clamp as standard.



# Printerless Testers

## BT400



Battery and Electrical  
System Tester

### HIGHLIGHT



Adjustable Brightness  
Backlit 4-Line LCD



Protective Boot  
for Increased Durability



## BT300



Battery and Electrical  
System Tester

### HIGHLIGHT



Easy to Use



Super Compact Design

### KEY SPEC

Model	BT400	BT300
Battery Tests	12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL	
System Tests	12V, 24V Cranking/Charging System	
Rating Standards	CCA/SAE, CA/MCA, EN, IEC, DIN, JIS	CCA/SAE, CA/MCA, IEC, DIN
Operating Range	40 to 2,000 CCA/SAE	40 to 1,200 CCA/SAE
Additional Feature	Last Test Result, Temp. Compensation	-
Clamp-Cable Set	0.5m (approx. 1.6ft)	
Dimensions	140 x 100 x 30 mm (approx. 5.5" x 4" x 1.2")	132 x 90 x 20 mm (approx. 5.2" x 3.5" x 0.8")
Operating Languages	EN, FR, DE, ES, IT, PT	EN

## BT282

Battery and Electrical  
System Tester



### KEY SPEC

#### Battery Tests

12V Flooded, AGM F/S, EFB,  
VRLA, GEL

#### System Tests

12V Cranking/Charging System

#### Rating Standards

CCA/SAE, CA/MCA, EN, DIN

#### Operating Range

40 to 1,200 CCA/SAE

#### Clamp-Cable Set

0.5m (approx. 1.6ft)

#### Dimensions (LxWxH)

120 x 79 x 23mm  
(approx. 4.7" x 3.1" x 0.9")



Battery and Electrical  
System Tester



## BT222

### KEY SPEC

#### Battery Tests

12V Flooded and  
Sealed (Maintenance Free)

#### System Tests

12V Cranking/Charging System

#### Rating Standards

CCA/SAE, CA/MCA, EN, DIN, IEC

#### Operating Range

200 to 1,200 CCA/SAE

#### Clamp-Cable Set

0.5m (approx. 1.6ft)

#### Dimensions (LxWxH)

120 x 70 x 18mm  
(approx. 4.7" x 2.8" x 0.7")



# Load Testers



## 500A2



### 500-Amp Carbon Pile Battery Load Tester

#### KEY SPEC

Battery Tests	12V Batteries
System Tests	12V Cranking/Charging System
Operating Range	Up To 1,000 CCA/SAE
True Load Capacity	500 Amps
Display	Analog Voltmeter and Ammeter
Additional Features	Temperature Compensated Pass/Fail Result Bands, Built-In Buzzer, UL Compliant



## 50113

100-Amp  
Battery Load  
Tester



## 50888

100-Amp  
Digital Controlled  
Battery Load and  
Charging System  
Tester



## 60113

125-Amp  
Battery Load  
Tester



## 60888

125-Amp  
Digital Controlled  
Battery Load and  
Charging System  
Tester

#### KEY SPEC

Model \ Feature	50113	60113	50888	60888
Battery Tests	6V, 12V Batteries		12V Batteries	
System Tests	12V Cranking/Charging System			
Operating Range	Up To 1,000 CCA/SAE			
Ture Load Capacity	100 Amps	125 Amps	100 Amps	125 Amps
Clamp-Cable Set	0.5m (approx. 1.6ft)	0.6m (approx. 2ft)	0.5m (approx. 1.6ft)	0.6m (approx. 2ft)
Display	Analog		3-Digit LED	
Additional Features	Asbestos Free		Auto Load Timer (10 sec), Polarity Check	

# AE12000 Series

12V 120-Amp Multi-Purpose Battery Charger



U

100-240V

E

220-240V



## The 4-in-1 Solution

The AE12000 Series provides four operating modes:

1. Power Supply Mode
2. Battery Charging Mode
3. Showroom Mode
4. Memory Saver Mode

With the capability to provide 120A of sustained output, it is suitable for a diverse set of applications.

Like the BT2400 Series, in-field firmware updates can also be performed to add support for additional functions and future battery technologies.

Furthermore, the AE12000 series comes standard with wall-mount capabilities and a detachable clamp-cable set, making it easy to integrate with your existing work area.

# AE12000 Series Specifications

Feature \ Model	AE12000U	AE12000E
Battery Types (12V)	Flooded, AGM Flat/Spiral, EFB, VRLA, GEL, Lithium (LFP)	
Charge Capacity	20Ah – 1000Ah	
Maximum Sustained Output (Mode Dependent)	Battery Charging Mode .....100 Amps Power Supply Mode ..... 120 Amps (110A @ 110VAC, 100A @ 100VAC) Showroom Mode ..... 50 Amps Memory Saver Mode ..... 30 Amps	
Clamp-Cable Length	3m or 5m (approx. 9.8ft or 16.4ft) Detachable	
AC Cord	3m (approx. 9.8ft) Detachable	
AC Input	100 – 240V 50/60Hz	220 – 240V 50/60Hz
Protection (Message and Buzzer)	Reverse Polar, Short Clamp, Over Voltage, Over Currnt, Over Temperature	
Operating Temperature	0 – 40°C (32 – 104°F) With Active Cooling	
Storage Temperature	-20 – 60°C (-4 – 140°F)	
Fimware Update	Yes, via USB Type-B port.	Yes, via USB Type-A port.
Certification	CE, ETL, and CB	CE and CB
IP Rating	IP20D	IP20
Display	2.5-inch 4 Backlit Color LCD	2-inch Backlit LCD
Input Device	Hardware Button (Up/Down/Left/Right)	Hardware Button (Up/Down/Enter)
Dimensions	425 x 382.5 x 118 mm (approx. 16.7" x 15.1" x 4.6")	402 x 255 x 110 mm (approx. 15.8" x 10" x 4.3")
Wall-Mount Support	Yes, with UI rotate.	
Operating Languages	English, French, Spanish, German, Italian, Portuguese	



**Heavy Duty Clamps**  
fully insulated with wide clamping angles and optimal clamping force.



**Reinforced Output Connector**  
ensure proper connection.

not available on AE12000E



**Support Wall Mounting**  
organize your workspace with the included wall mount bracket and UI rotating feature.

# AK5000U

## 24V 50-Amp Multi-Purpose Battery Charger



Support 24V Charging  
Perfect For Trucks



Continuous 50 Amps  
Power Output



Strong Heavy Duty  
Clamps & Cable



Full Range Input  
100V - 240V

### KEY SPEC

Battery Types (12/24V)	Flooded, AGM Flat/Spiral, EFB, VRLA, GEL, Lithium (LFP)
Charge Capacity	20Ah – 1000Ah
Maximum Sustained Output	Battery Charging Mode ..... 50 Amps Power Supply Mode ..... 50 Amps
Clamp-Cable Length	3m or 5m (approx. 9.8ft or 16.4ft) Detachable
AC Cord/Input	3m (approx. 9.8ft) Detachable   100 - 240V 50/60Hz
Protection (Message and Buzzer)	Reverse Polar, Short Clamp, Over Voltage, Over Currnt, Over Temperature
Firmware Update	Yes, via USB Type-C port.
Dimensions	425 x 382.5 x 118 mm (approx. 16.7" x 15.1" x 4.6")
Wall-Mount Support	Yes, with UI rotate.
Operating Languages	English, French, Spanish, German, Italian, Portuguese

# AEA/AEE1500

## 15-Amp Selectable Amperage Digital Battery Charger



### KEY SPEC

#### Battery Types

12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL, Lithium (LFP)

#### Charge Capacity

7Ah - 200Ah

#### Maximum Sustained Output

Battery Charging Mode ..... 15 Amps

Power Supply Mode ..... 15 Amps

#### Clamp-Cable Length

2m (approx. 6.5ft) Detachable

#### AC Cord/Input

1.9m (approx. 6.2ft) | 110 - 240V 50/60Hz

#### Dimensions (LxWxH)

280 x 108 x 230 mm (approx. 11" x 4.3" x 9.1")

### HIGHLIGHT



#### Selectable Amperage Output

user can set 4A, 6A, 10A, 12A, or 15A as charging current limit



#### Power Supply Mode

supply 15A of power continuously



#### Support LiFePO4 Batteries

lithium iron phosphate batteries can also be charged with AEA/AEE1500



#### Built-in Cable Management

no more dangling cables and clamps

## DHC Charger Spec Chart

Feature Model	Battery Voltage			Battery Type		Max Output	Output Cable	Charging Capacity (Ah)								
	6V	12V	24V	Lead	LFP			2	7	12	15	50	100	200	500	1000
AE12000U	▪	▪		▪	▪	120A	3 or 5m									
AE12000E	▪	▪		▪	▪	120A	3 or 5m									
AK5000U		▪	▪	▪	▪	50A	3 or 5m									
AEA/AEE1500		▪		▪	▪	15A	2m									
AE500E		▪		▪		5A	1.8m									
SCM54E		▪		▪		5A	1.8m									
AEA/AEE400	▪	▪		▪	▪	4A	1.9m									
AEA/AEE1.2		▪		▪		1.2A	1.9m									

# AE500E

## 5-Amp Weather Resistance Digital Battery Charger



### HIGHLIGHT



#### Weather Resistance

IP65 rated, ensure safe and reliable service



#### Dual Attachment

includes swappable clamps and ring terminals, great for both temporary and regular charging



#### 5-Stage Charging Algorithm

fully digital charging controller, recharge compatible batteries safely and quickly



#### Can Be Wall Mounted

built-in mounting holes for easy attachment

### KEY SPEC

Feature \ Model	AE500E
Battery Types	12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL
Charge Capacity	12Ah – 100Ah
Maximum Current	5 Amps
Clamp-Cable Length	1.8m (approx. 6ft) includes clamp set and ring-terminal set
AC Cord	1.8m (approx. 6ft)
AC Input	220 - 240V 50/60Hz
Protection	Reverse Polar, Short Circuit, Spark Free, Over Voltage, Over Charging
Operating Temperature	0 - 50°C (32 - 122°F)
Certification	CE
IP Rating	IP65
Dimensions	170 x 73 x 48 mm (approx. 6.7" x 2.9" x 1.9")



# SCM54E

## 4-Station Digital 12V Battery Charger/Maintainer

### KEY SPEC

#### Battery Types

12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL

#### Charge Capacity

15Ah - 100Ah

#### Maximum Current

5 Amps per Station

#### Clamp-Cable Length

1.8m (approx. 6ft) Detachable

#### AC Cord/Input

1.8m (approx. 6ft) / 220 - 240V 50/60Hz

#### Dimensions (LxWxH)

350 x 190 x 75mm

# Phase Out

### 4 AT ONCE

Make efficient use of precious wall socket capacity by charging four batteries at once while only using one socket.



## AEA/AEE400

### 4-Amp Digital Battery Charger/Maintainer



### KEY SPEC

#### Battery Types

6V, 12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL  
12V Lithium (LFP)

#### Charge Capacity

15Ah - 50Ah

#### Maximum Current

4 Amps

#### Clamp-Cable Length

1.9m (approx. 6.2ft) Detachable

#### AC Cord/Input

1.8m (approx. 6ft)  
100 - 240V 50/60Hz

#### Dimensions (LxWxH)

173 x 90 x 46mm (approx. 6.8" x 3.5" x 1.8")

## AEA/AEE1.2

### 1.2-Amp Digital Battery Charger/Maintainer



### KEY SPEC

#### Battery Types

12V Flooded, AGM Flat/Spiral, EFB, VRLA, GEL

#### Charge Capacity

2Ah - 15Ah

#### Maximum Current

1.2 Amps

#### Clamp-Cable Length

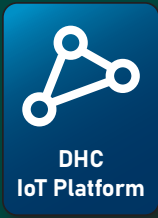
1.9m (approx. 6.2ft) Detachable

#### AC Cord/Input

1.8m (approx. 6ft)  
100 - 240V 50/60Hz

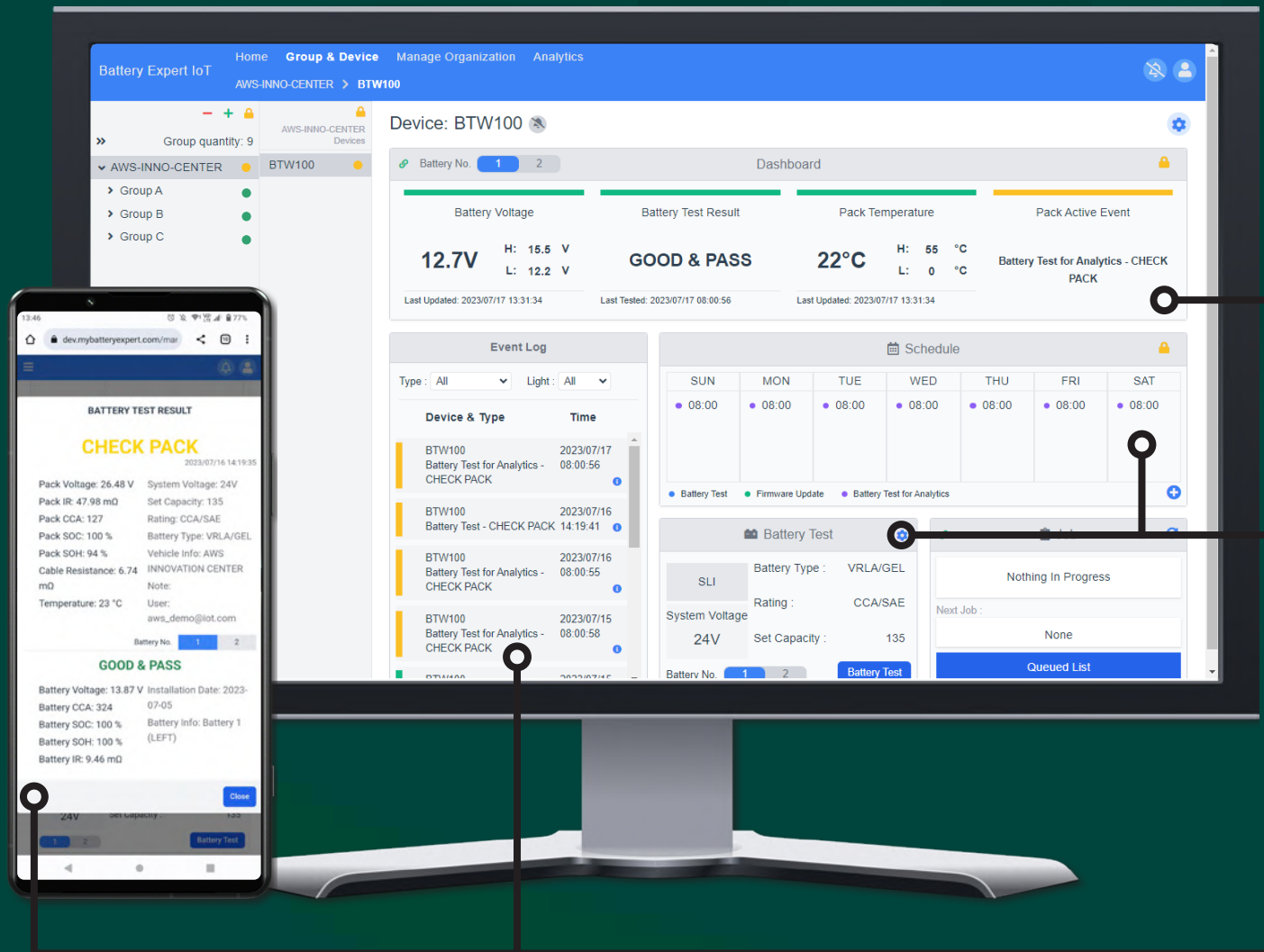
#### Dimensions (LxWxH)

132 x 74 x 48mm (approx. 5.2" x 3" x 1.9")



# DHC IoT Platform

## Battery Fleet Management Platform



**Batteries of your fleet are constantly monitored.**  
**Review battery status and receive notifications anywhere through a browser.**

## Make Sure Your Fleet Is Always Mission Ready

DHC IoT Platform is a centralized service for battery fleet monitoring, testing, and analysis. It can be used on AGVs, trucks, construction equipments, rental cars, and other mission critical vehicle fleets that demands the minimization of "no-start" situations.

A Wi-Fi equipped on-battery tester, BTW100, monitors voltage and other parameters to ensure operation readiness. By fixing the tester on to a battery, it can gather battery condition over a long period of time for the user to evaluate the impact of operation condition on battery performance.

Powerful web control center enables actions like automated battery tests and active push notifications. Over-The-Air (OTA) firmware update can also be initiated via the control center to keep your device up-to-date.

## - Service Structure -

### Field Equipment

Manufacturing/Maintenance



BTW  
100

### Company Cars

Sales/Administration



BTW  
100

### Trucks/Vans

Logistics



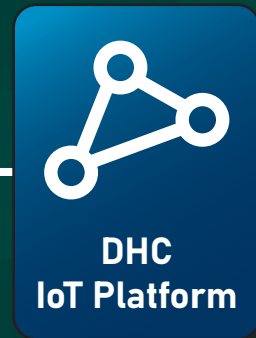
BTW  
100

### AGVs

Manufacturing



BTW  
100



### Monitor

Voltage and temperature data is updated every 10 minutes.

### Test

Periodic battery tests can be automated with our scheduling feature.

### Review

Battery test results are stored on the cloud and can be accessed from anywhere with a browser.



Company  
HQ



Department  
Heads



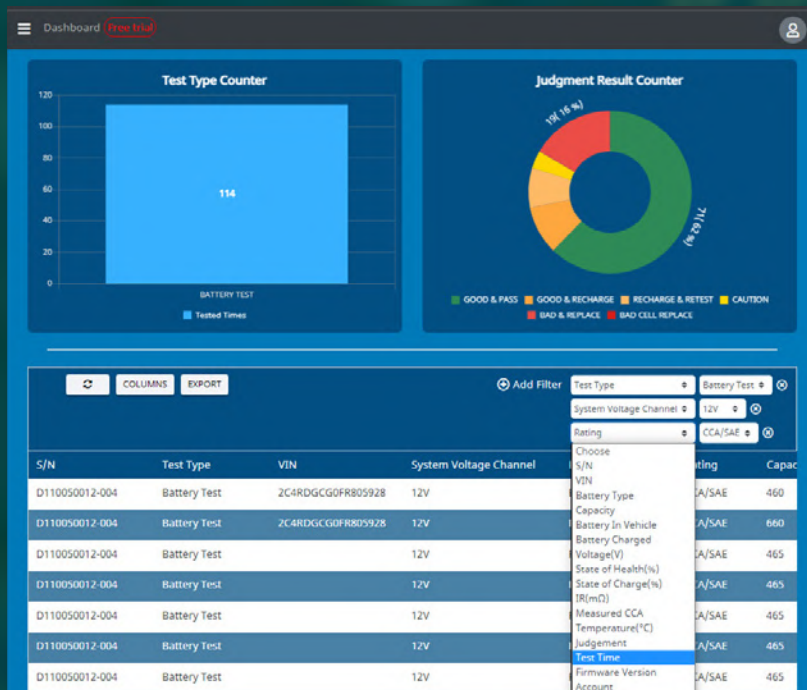
## BTW100, Your Man In The Field

Meet BTW100, it combines battery testing, voltage monitoring, temperature sensing, and wireless connectivity into one compact and rugged package.

It will be your man in the field, constantly monitoring for irregularities.

powered by 

## THE POWER OF NUMBERS

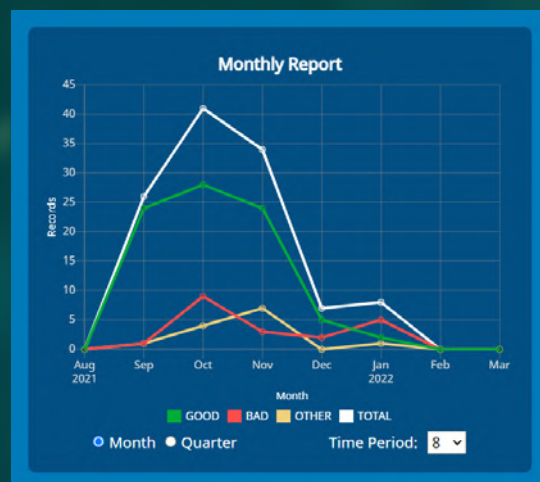


## Graph Aided Analysis

Simplify complex data into easily understandable graphs for inventory management, sales strategy formulation, and more.

These graphs include:

1. battery type ranking
2. test type ranking
3. test result composition
4. system test result composition
5. shop active hours
6. active user ranking



## Searchable Test Results

No need to fumble around with old test printouts or unreliable manual records, test results can be searched with up to three filters simultaneously to pinpoint the exact data you need.

## Centralized & Automated

DHC Cloud Service offers a solution to battery test result storage, management, and parameter analysis.

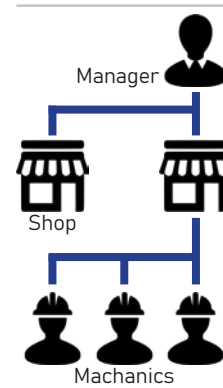
Test results on compatible testers will be automatically uploaded to the server via Wi-Fi, where they can be stored, reviewed, exported, and searched.

The tier mechanism of this system also allows auto shop managers and owners to analyze the performance of their shops and businesses.

### SERVICE STRUCTURE



### TIER



## TRUST AND COMMITMENT



### No Non-sense, Loved By Many.

Since its introduction several years ago, our cloud services have been loaded with users and data, which signals our ability and commitment to provide dependable cloud services.



10,000+  
Active User



14 Million+  
Test Results



used by  
Major OE

## NO HASSLE, ALL AUTO



### In The Background, Always Ready.

Once a DHC made tester is registered to a user account, test results will be synchronized after each test, no need for human intervention, it is automatic.

There is no need for expensive server infrastructure either, they are hosted and supported by DHC, just select a service type that suits your operation and it is ready to go, making DHC Cloud Service a truly plug-and-play solution.

## Supported Model



1. BT2400 Pro

2. BTW200

3. BTW350

4. BT2300 Plus



# DHC Specialty Corp.

learn more: [www.dhc.com.tw](http://www.dhc.com.tw)

get in touch: [service@dhc.com.tw](mailto:service@dhc.com.tw)

Battery tester and charger R&D, OEM, ODM.

Battery management solution (cloud/software) provider.

We dedicate ourselves to develop battery related testing/charging equipments and services that would benefit the operation smoothness, diagnostic accuracy, and cost effectiveness of our customer.

## Taiwan, Head Office

7FL., No. 83, Chou Tzu St., Nei Hu District,  
Taipei 11493, Taiwan

## China, Manufacturing

No. 8, Standard Building, Lane 669, Mintu Rd.,  
Songjiang Area, Shanghai, China 201617  
Tel: +86-21-5784-7403  
Fax: +86-21-5784-7398

## Taiwan, R&D and Manufacturing

8FL., No. 308, Sec. 1, Datong Rd., Xizhi District,  
New Taipei City 22146, Taiwan  
Tel: +886-2-2641-7399  
Fax: +886-2-2641-6218

## United States, Office

Johnson City, TN 37604  
Tel: 423-646-6697  
Fax: 423-283-7039