

We took the world's most advanced
battery tester and gave it a new charge.

MIDTRONICS

Battery Management Innovation

PowerLogic:
A Revolution in
Battery Testing
and Charging.



MIDTRONICS



The Great Problem Solver

We've taken the "essential tool status" of the Midtronics line of cutting-edge hand-held battery testers and given it a new charge. The PowerLogic battery charger/tester from Midtronics can efficiently handle all of your customer's battery-related problems in a single visit. No more guesswork, ever. PowerLogic is the first and most accurate, 100% decisive integrated battery analyzer/fast charger in the world today.

PowerLogic's performance gets better and better the closer you look. You'll be able to get rid of the hassle, ineffectiveness and expense of your battery loaner program. You'll never again have to make a customer wait a day or two in order to get a decisive test result. Plus, you'll save thousands of dollars because good batteries will no longer be wasted as warranty returns at your expense.

Full Speed Ahead—With No Stopping.

PowerLogic gives you the customer relation control you need. Anticipate that 90% of all rechargeable batteries will be successfully recharged within 35 minutes or less. The remaining 10% will be deemed as unuseable or unsafe.

Your service personnel and customers will know in minutes the battery's condition and maximum charge time. That's power you can turn into profits.

The Technology Is Patented.

PowerLogic represents a revolution in battery testing and charging. With PowerLogic, you possess a management tool unmatched for its accuracy, ease of use and functional application. It's the first-ever battery analyzer that truly merges testing and high rate charging. PowerLogic features the first-ever closed-loop smart charging/testing technology—a patented technology—which uses complex algorithms to create the most accurate diagnostic tool on the market.

Throughout the process PowerLogic's internal control systems, which continuously charge and test the battery simultaneously, incorporate five testing methodologies:

- conductance testing
- heavy load testing
- light load testing
- conductance and load comparison
- charge acceptance

It's this closed-loop design that keeps you in the loop by continually testing the battery before, after and most importantly, during the charging process. PowerLogic eliminates the risk of battery damage common with other fast chargers. Such constant and immediate feedback means you can see the time it will take to reach a full charge. This makes PowerLogic extremely user friendly—and customer friendly.

Technology So Advanced, It's Simple.

What makes PowerLogic superior is cutting-edge technology. What makes it the best tool in the business is how easy it is to use and understand. Just connect it to the battery, enter the rating and press start. PowerLogic does the rest while displaying Time Remaining and CCA Recovery.

There's no danger of charging an open or shorted cell battery. Known bad batteries will automatically be rejected.

Eliminate Warranty Waste.

Another innovative feature of PowerLogic is its unique warranty code. This feature helps to greatly reduce warranty waste. Incorporation of the warranty code into your testing protocol or point-of-sale system will enforce battery testing procedures and ensure only truly bad batteries are replaced under warranty.

Engineered to Make Your Job Easier.

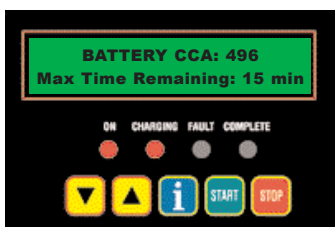
Years of testing and product development, along with the joint engineering efforts of Johnson Controls, have resulted in the PowerLogic from Midtronics. It'll make your customers incredibly satisfied. And you'll be positively ecstatic with the growth in your business and bottom line.



The PowerLogic provides constant feedback to your technician or customer.



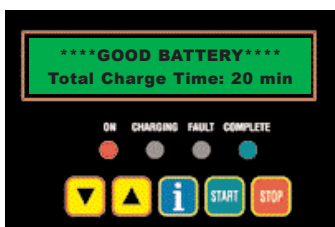
Time remaining and recovered CCA are updated every minute.



Constant testing keeps you in the loop and in control.



If the PowerLogic can make an accurate decision prior to the stated charge time, it will.



The 100% decisive PowerLogic will only provide one of two decisions: Good Battery or Replace Battery.

Specifications

Input Power:

120 VAC, 60 Hz, Single Phase, 15 ampere
(Midtronics proprietary transformer and switching design allows use on dedicated 15 ampere service outlets, rather than special 20 ampere utility service outlets.)

Output:

Current limit:

Maximum 80 amperes average rectified DC current.

Voltage limit:

Maximum 17.5 volts average DC voltage.

Physical Dimensions:

Shelf mountable 7" tall by 11" deep by 15" wide
Weight 45 lbs.

Safety Features:

- Thermal sensing element in charging clamp detects high temperature condition
- Features an integral power electronics thermal sensing element and shutdown
- Charger automatically shuts down if either charge clamp is removed from the battery
- Reverse polarity

Testing Methodology Includes:

- Conductance Analysis
- High Rate Load Analysis
- Low Rate Load Analysis
- Conductance and Load Comparison Analysis
- Charge Acceptance Analysis

Product Application:

Automotive 12 volt cranking batteries, 12 volt motorcycle, 12 volt Gel Cell and 12 volt Marine. SAE, Side and L Terminal (Lead terminal adapters may be required)

Rating/Battery Types:

CCA	SAE
CA	DIN
MCA	IEC
JIS	EN

Input/Output Interfaces:

- IR Receiver
- DB9 Serial port
- Serial Barcode Reader

Put the power of the **PowerLogic** Charger Tester to work for you today!

Midtronics, Inc.
7000 Monroe Street
Willowbrook, IL 60527
U.S.A.
Phone: 630.323.2800
Fax: 630.323.2844
ISO 9001 Certified

Midtronics Canada, Inc.
54 Ferris Drive
P.O. Box 746
North Bay, Ontario
P1B 8J8 Canada
Phone: 705.476.9228
Fax: 705.476.9255

Midtronics, b.v.
Lage Dijk-Noord 6
3401 VA IJsselstein
The Netherlands
Phone: +31 306 868 150
Fax: +31 306 868 158
ISO 9002 Certified

www.midtronics.com
Toll free in North America: (800) 776-1995