

**MIDTRONICS**Advancing  
Battery Management**MDX-650P SOH**

# MDX-650P SOH

## BATTERY CONDUCTANCE & ELECTRICAL SYSTEM ANALYZER

### Accurate, fast, and simple testing for today's automobiles

MDX-650P SOH is an advanced diagnostic solution offering full electrical system testing capabilities (battery, starting, and charging) for regular flooded batteries and battery formats designed for start-stop vehicles:

- Enhanced Flooded Battery (EFB)
- AGM (Flat Plate and Spiral)

Test results include a battery State of Health (SOH) graph to help identify weak batteries at a glance.

Additional key features of this versatile, full-featured tool:

- Large, backlit display enables easy viewing
- Built-in printer generates detailed, shareable results
- Run tests and print results in English, Spanish or French
- Durable, field-replaceable cable and clamp assembly
- Long-life thermal printer — no ink cartridge to replace
- Full rubber boot protects tester from shock and abuse
- Sturdy tool bag included to provide protection during storage or transit



# MDX-650P SOH

## Specifications

### Standard configuration:

- MDX-650P SOH Battery Conductance and Electrical System Analyzer with Integrated Printer Includes:
  - MDX-600 Series Analyzer with integrated printer, MDX-650P SOH software (installed), manual, lead stud adapter set, 10-ft cable set, carrying bag

### Available Accessories:

- A156 Universal Soft Carry-All Bag
- A207 4-ft Replaceable Cable
- A208 10--ft Replaceable Cable
- A033 Lead Stud Adapter Set (2 male, 2 female)
- A095 6-Pack Thermal Printer Paper\*

\* Replacement paper rolls available at most office supply stores

### Applications:

- 6 & 12 Volt batteries
- 12 & 24 Volt charging systems
- Automotive
- Motorcycle
- Marine Cranking
- Lawn & Garden
- Group 31
- Commercial 4D/8D

### Display:

5-line Text/Graphical Backlit Display

### Operating Temperature:

0°C to +50°C (32°F to +122°F)

### Test Range:

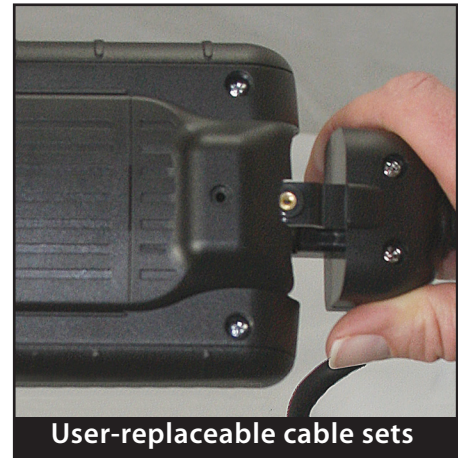
- CCA: 100-2000 BY 5
- CA: 100-2000 BY 5
- MCA: 100-2000 BY 5
- JIS#: By Part Number
- EN: 100-2000 BY 5
- DIN: 100-1200 by 5
- SAE: 100-2000 by 5
- IEC: 100-1200 by 5

### Voltage Range:

1Vdc – 30Vdc

### Cable Length:

- 10-ft/305cm



### Power Requirements:

Uses the power of the battery under test and 6AA internal batteries

### Languages:

- English
- Spanish
- French-Canadian

### Housing Material:

Acid-resistant ABS plastic

### Dimensions:

10.6" x 3.9" x 2.4" (27cm x 10cm x 5cm)

### Weight:

1.7 lbs (771g)

#### Corporate Headquarters

Willowbrook, IL USA  
Phone: 1.630.323.2800  
Toll Free in US: 1.800.776.1995  
Toll-Free in Canada: 1.866.592-8053

#### EMEA Sales

Midtronics b.v.  
EMEA Headquarters  
Houten, The Netherlands  
Serving Europe, Middle East and Africa  
Phone: +31 306 868 150

#### Midtronics China Office

China Operations  
Shenzhen, China  
Phone: +86 755 2374 1010

#### Asia/Pacific (excluding China)

Contact Corporate Headquarters  
Phone: +1.630.323.2800

#### Midtronics India

Mumbai, India  
Phone: +91.989 237 6661