

MIDTRONICSAdvancing  
Battery Management

DSS-5000



# DSS-5000

## BATTERY DIAGNOSTIC SERVICE SYSTEM



DSS-5000P

*Today's service environment demands a diagnostic solution that offers a combination of information, technology, and communication to support the battery needs of today's complex electrical systems.*

As the complexity of battery and electrical systems continue to evolve, diagnostic technology must be able to keep pace.

### **An Innovative Solution**

The DSS-5000 Battery Diagnostic Service System answers the challenges posed by contemporary and future vehicles, including capabilities for new battery and system types, new business procedures and a generation of service technicians familiar with app-based technology.



Use your smartphone QR scanner app to read this code and view an introductory product video

- Service for conventional and advanced vehicle systems (including start-stop)
- Supports conventional lead acid, EFB, and AGM batteries
- Conductance Profiling™ delivers enhanced diagnostics providing significantly fewer 'Charge & Retest' decisions, as well as battery reserve capacity warnings
- Service apps promote quick, error-free testing — ideal for busy shops or inexperienced technicians
- Full-color touchscreen on removable controller provides easy system navigation, detailed reference information and test results

## Advanced System Diagnostics

- Conductance Profiling™ offers increased decisiveness (less Charge & Retest) and battery Reserve Capacity condition check
- Supports future vehicle/battery technologies via automatic software updates delivered wirelessly with BMIS Program Maintenance
- Provides battery registration app and reset checklist

## Dynamic Service Experience

- Detachable controller enables easier scanning and system test
- Five-inch color touchscreen display offers more on-screen information and provides convenient option for sharing battery diagnostic results with customers
- Ergonomic shape, size and grip is easy to carry and hold

## Complete Battery Management

- VIN capture via integrated camera establishes vehicle records & tracks process compliance
- On-tool Wi-Fi and Bluetooth capabilities support flexible networking capabilities
- Vehicle database-driven testing automatically sets correct battery parameters, increasing user confidence and customer satisfaction



*\*Integrated printer included on DSS-5000P models only*

## Models / Part Numbers

**DSS-5000P CVG:** Includes controller, tester pod with integrated printer, CVG-2BT convergence module, 2-ft battery test cables, charging/storage dock, AC power adapter/charger, lead stud adapters, printer paper

**DSS-5000P KIT:** Includes all of the above with the addition of an A657 amp clamp

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## Specifications

### Supported 12V Battery Types

- Flooded Lead Acid
- Enhanced flooded (EFB)
- AGM

### Battery Ratings

- CCA
- CA
- MCA
- JIS
- DIN
- SAE
- IEC
- EN

### Primary Battery Voltage

1.0V to 35V

### Wireless Communications

Class 2 Bluetooth

### Wi-Fi Communications

2.4 Ghz 802.11 b, g, n

## Accessories

- A401 10-pack Printer Paper Rolls
- A421 3-ft. Replacement Cable
- A657 Amp Clamp
- A658 USB Cable: Type A to Micro

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