

MIDTRONICS

Advancing
Battery Management

DSS-5000

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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.

- 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