

# DSS-5000

## BATTERY DIAGNOSTIC SERVICE SYSTEM



Image: DSS-5000

**NEW VEHICLES.  
NEW BATTERIES.  
NEW CHALLENGES.**

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

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.

The DSS-5000 enables you to broaden your service expertise by providing the technology to handle the complex challenges of servicing current and future electrified vehicles.

- **Flexible technology adaptable to future batteries and systems**
- **Wireless communication supports end-to-end communication and complete battery management**
- **Enhanced battery diagnostics deliver more decisive results, with fewer charge and retest decisions**
- **Detachable tablet controller. Separate the controller and tester pod and perform a system test with great ease and share results on-screen with your customer.**
- **Stop-start batteries are supported in the DSS tests.**
- **Optional CVG VIN capture support**



**CONTROLLER**



**TESTER POD\***



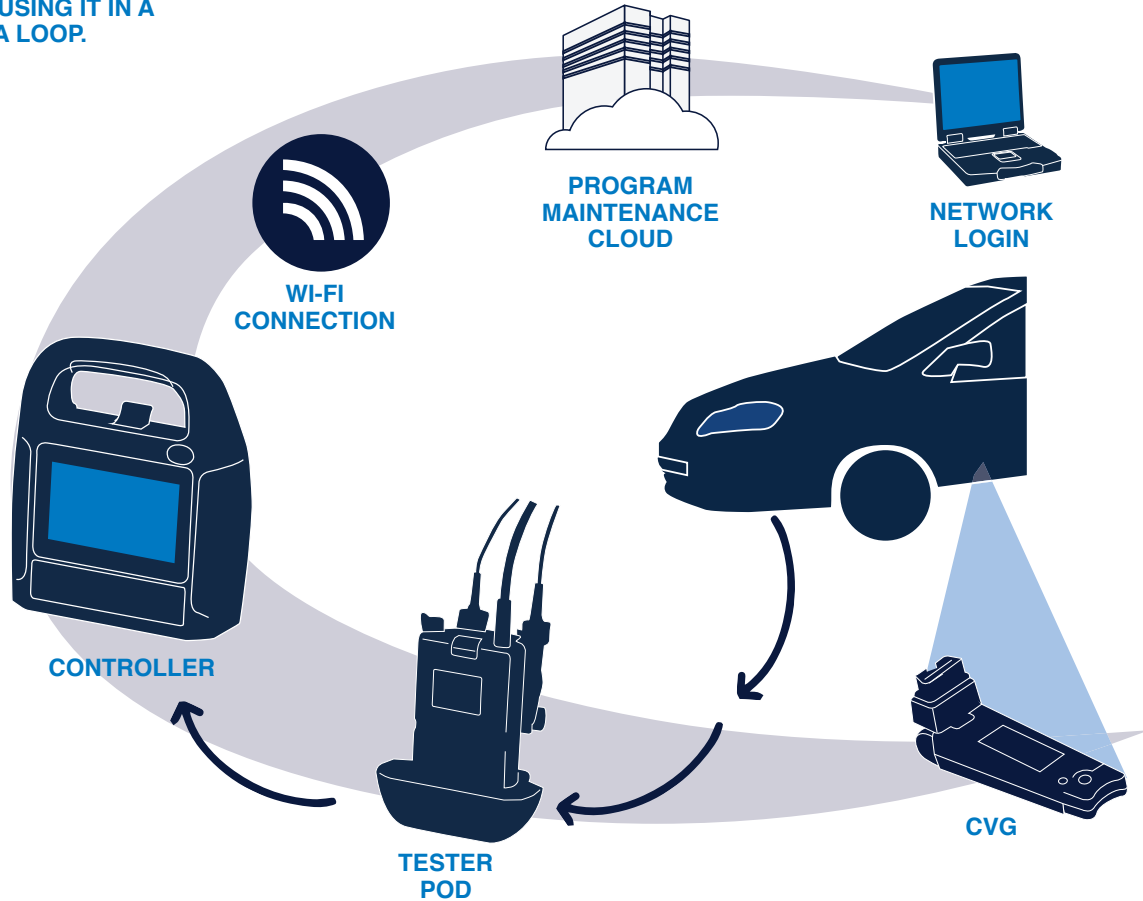
**CHARGING DOCK**

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

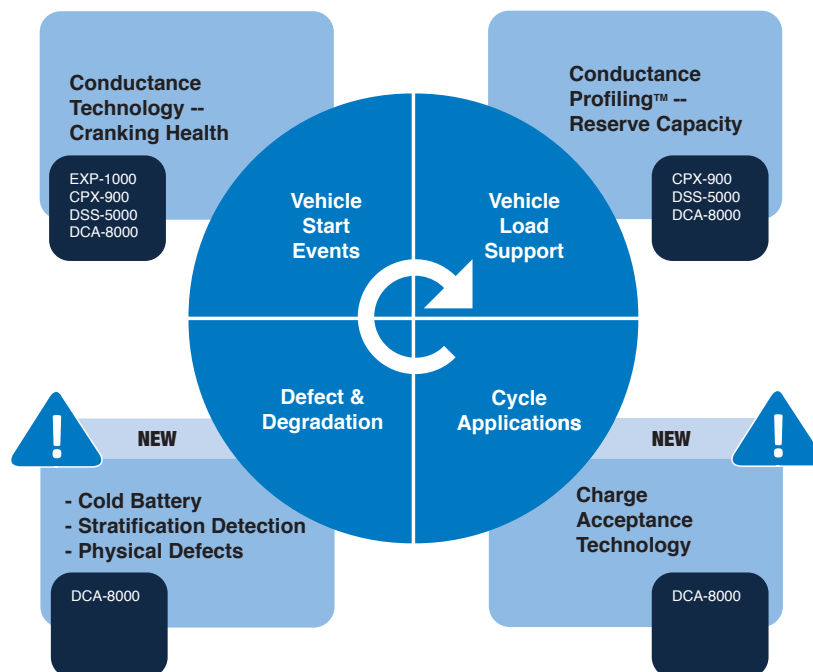
# DSS-5000

## BATTERY DIAGNOSTIC SERVICE SYSTEM

MAKE OPTIMAL USE OF YOUR DSS-5000 BY USING IT IN A CLOSED DATA LOOP.



## TECHNOLOGY COMPARISON



# DSS-5000

## BATTERY DIAGNOSTIC SERVICE SYSTEM

### PRODUCT SPECIFICATIONS

#### Charge Cables (Field-replaceable)

- 2m (6.6 ft.) Standard
- 3m (9.8 ft.)
- 5m (16.4 ft.)

#### Power Cord

Accepts locking C13 connector for region-specific power cables:

- United States: EMA 5-15 termination, rated at 15A/125V UL CSA
- EU & Latin America: 10A/250V IEC60320 / VDE
- Japan: PSE 15A/125V

#### Applications

- Automotive
- Heavy-Duty
- Power Sports
- Group 31
- Commercial 4D/8D

#### Battery Chemistries

- Lead acid
- AGM
- EFB
- Future provision for Li-ion

#### Operating Parameters

- Input Voltage: 110 - 240 VAC; 50 - 60 Hz; 12A maximum
- Output: 14.4 VDC; 70A maximum

#### Temperature

Operating temperature range: 0°C to +60°C (32°F to +140°F)  
Storage temperature range: -10°C to +85°C (14°F to 185°F)

#### Humidity

15 to 18% r.H., non-condensing

#### Dimensions

Height: 3.40 in (86.36 mm)  
Width: 10.24 in (260.00 mm)  
Length: 15.35 in (390.00 mm)  
Weight: 15.55 lbs (7.05 kg) without cables  
Weight: 19.43 lbs (8.78 kg) with cables

#### Certifications

- UL
- CUL
- CEC
- RoHS
- FCC

#### Networking & Communication Features

*Available with optional CVG-3 Convergence Module and/or GTW-1 Gateway Communication Hub*

- Bluetooth and WiFi wireless capability
- Reporting & Analytic Tools
- Enterprise Asset Management
- Communication with Midtronics next-generation platforms & tools

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