

ESSENTIAL EV DIAGNOSTIC TOOL

MIDTRONICS

THE RIGHT ANSWER, FAST™



xIM-100

EV IMMOBILIZER

OVERVIEW

In a rescue, collision, security, or service situation, EVs may appear disabled yet remain fully active. An inadvertent touch of the controls could send the vehicle moving unexpectedly — endangering anyone in close contact. As the EV fleet grows, a standardized, universal immobilization solution is no longer optional; it is operationally essential.



OUR SOLUTION

The **Midtronics xIM-100 EV Immobilizer** provides clear, authoritative vehicle-status indication and supports immobilization of BEVs and PHEVs through the universal charge-port interface.

Together, both functions deliver high-value safety insight and support confidence during rescue, service, and repair operations.

- Vehicle-Status Indication provides critical situational intelligence — helping users quickly identify if an electric vehicle may unexpectedly move.
- Immobilization rapidly prevents vehicle movement, adding an extra layer of protection.

xIM-100 improves situational awareness and supports safer, more efficient EV handling across diverse environments.

SIMPLE, FAST AND UNIVERSAL

- Provides clear, visual indication of vehicle status
- Helps reduce the risk of unintended vehicle movement
- No direct contact with high-voltage systems
- Universal fit — connects via any charge port
- Maintains power to essential systems (windows, seats, lights)
- Designed for any professional who works with or around electric vehicles

[Preorder Now](#)



xIM-100

EV IMMOBILIZER

PRODUCT SPECIFICATIONS



- **Green:** Immobilized
- **Red:** Caution

The **xIM-100 EV Immobilizer** provides clear confirmation of vehicles' status and rapid immobilization to help keep BEVs and PHEVs stationary during critical operations. From extrication to service, xIM-100 delivers rapid situational intelligence—reducing uncertainty, improving control, and supporting safer work around electric vehicles.

- 1 Dual-sided Connector:** Supports J1772/Type 1 and NACS charge ports
- 2 Ultra-bright LEDs:** Instant visual confirmation
- 3 Integrated Pry Bar:** Quickly access obstructed charge ports
- 4 MIL-STD-810H Impact Resistance:** Functional after 26 drops from 1.2m onto concrete; no-roll design
- 5 Corrosion-resistant:** Built to withstand exposure to common automotive chemicals.
- 6 Temperature Range:** -29°C to +60°C (-20°F to +140°F) — operating & storage

TOOL SPECIFICATIONS



BATTERY POWERED

- Replaceable batteries for continuous operation
- Low Battery Alert + Self Test for operational readiness
- Up to 4 Hours run continuous run time for extended deployments



IP66 + IP67 Rated (ISO 20653)

Dust-tight, protected against powerful water jets and temporary submersion



FUTUREPROOFED FOR EVOLVING TECH

Software Updates via USB: Ready for future vehicle advancements

SECURE STORAGE

Optional durable hard-shell case

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