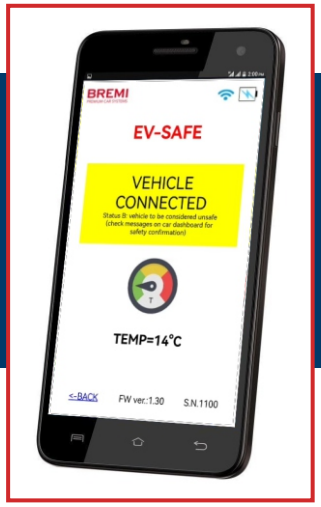
*"When working on an electric vehicle for a rescue or maintenance operation, specific safety measures must be taken to minimise both the **electrical risk**, caused by the high battery voltage, and the **mechanical risk**, caused by the fact that the vehicle may move unintentionally during the operation!"*

EV-SaFe RESCUE

Today, electric vehicles represent the state of the art in the automotive world; for this reason, EV-SaFe is already equipped with the latest technologies, such as a 32bit RISC microprocessor and a **WiFi interface** that allow the user to connect his smartphone and monitor EV-SaFe's status in real time!

EV-SaFe is available in the FF KIT version supplied with the special case (shatterproof and with air valve) that contains, in addition to EV-SaFe, all the accessories required for safe rescue operations

Smartphone user interface via QR-Code direct Link



Thanks to the Point-to-Point Wi-Fi connection, the user can directly access the local mini-site to view information on the **vehicle's security status** without having to install a specific App!

Two-tone LED magnetic beacon for safety warning (FF kit)

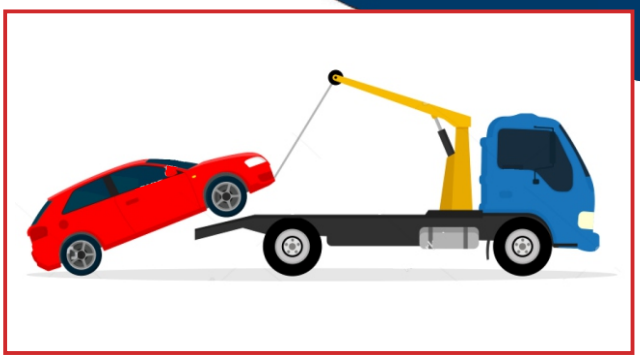
- Red light: Vehicle status **NOT protected**
- Green light: Vehicle status **protected**
- Alternate blinking: Communication in progress

EV-SaFe by BREMI is a technologically advanced product that combines three useful functions into one portable instrument:

Electronic plug for securing electric vehicles: EV-SaFe connects directly to the charging socket, and after a few seconds enters into communication with the on-board electronic systems, from which it obtains critical information on **the electrical insulation of the batteries and immobilisation of the vehicle, as well as the temperature of the vehicle chassis.**

Slow-charge charging station: when connected to the power grid, EV-SaFe becomes a true auxiliary **charging cable**, allowing the vehicle to be recharged at home.

Electronic tester for diagnosing charging socket function: EV-SaFe is not only a support for securing electric vehicles, but also a real **diagnostic** tool useful for testing the efficiency of the charging socket interface.



Technical specifications:

- Charging connector integrated in the body of the instrument itself, compatible with Type-2 “Mennekes” socket found in most latest generation electric vehicles; (optional adapters for other socket types are available);
- 802.11 b/g/n compliant WiFi interface, direct connection to PC or Smartphone for access to the EV-SaFe's graphical interface for monitoring functions and/or to set up a connection to the local wireless network;
- Wireless control for opening the charging door of Tesla vehicles;
- Automatic internal software (firmware) update via WLAN-WEB;
- Implementation of the CP-PP communication protocol with the vehicle's electronic systems to confirm the efficiency of the electrical isolation of the battery's high voltage and the inhibition of the vehicle's motors;
- Built-in electrical contacts temperature sensor: indirect measurement of vehicle chassis temperature;
- Dual acoustic and LED signalling with a magnetic LED flashing bar;
- 600mAh Li-Ion internal battery: estimated autonomy with Wi-Fi interface switched off: approx. 6h; autonomy with Wi-Fi interface switched on: at least 2h (with fully charged internal battery);
- Vehicle charging function with leakage current detection and eventual contactor blocking: nominal current 6A, maximum 10A (domestic/slow charging);
- Dimensions and weight: 182x70mm - approx. 590gr

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EV-SaFe RESCUE

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Technologie für Sicherheit – Technology for Safety