

# UL Certification



## Delivering Confidence for Your EV Customers

When you're looking to deliver confidence in your electric vehicles, make sure that your equipment suppliers are using UL for safety certification. UL has more than a decade of experience in evaluating the safety of equipment used with electric vehicles and has the experience, expertise and technical capabilities to test and evaluate new products hitting the marketplace. We're adept at helping to bring innovative technology to the marketplace. In fact, we've been putting our Mark on cutting-edge products for more than a century.

The choice of a certification partner is critical to how your electric vehicles are perceived by those choosing your products. When specifying equipment for your vehicles, make sure you ask your suppliers some tough questions about the company certifying their equipment:

	Other certifiers	UL
Is your supplier providing electric vehicle equipment certified by a company with its own team of experts who are dedicated to creating and interpreting compliance requirements?	No	✓
Is your supplier providing equipment certified by a company with more than a decade of experience evaluating electric vehicle safety?	No	✓
Has your supplier partnered with a certifier responsible for creating and maintaining certification requirements for electric vehicle charging equipment and cabling?	No	✓
Is your supplier providing equipment that has been certified by a Nationally Recognized Testing Laboratory fully accredited by the Occupational Health and Safety Administration to certify to electric vehicle standards?	No	✓
Is your supplier providing electric vehicle equipment with a certification mark preferred by electrical inspectors using the National Electrical Code® (NEC) everyday?	No	✓
Is your supplier providing equipment certified by a company responsible for crafting industry-accepted electric vehicle certification requirements?	No	✓
Is your supplier using a partner than has certified more electric vehicle related products than any other company?	No	✓
Has your supplier partnered with a certifier that can give you a voice in development of UL electric vehicle Standards?	No	✓
Does your supplier partner with a certifier able to offer true global market access to North America, Europe and Asia?	No	✓
Can any certifier deliver the UL Mark?	No	✓

For more information, please contact your local sales team or visit [ul.com](http://ul.com)



## Why UL is your best choice to certify equipment for your electric vehicles

When UL certifies the equipment used with your electric vehicle, we're putting more than a century of standards-development experience and expertise to work for you. Plus, UL is the only certification organization accredited to test electric vehicle equipment to the full suite of safety standards including:

- UL 2202, Standard for Safety of Electric Vehicle (EV) Charging System Equipment for level 1 and 2 (fast chargers)
- UL 2251, Standard for Safety of Plugs, Receptacles and Couplers for Electric Vehicles
- UL 2231-1, Standard for Safety of Standard for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: General Requirements
- UL 2231-2, Standard for Safety of Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: Particular Requirements for Protection Devices for Use in Charging Systems
- UL 2594, Standard for Safety of Electric Vehicle Supply Equipment
- UL Subject 2750, Outline of Investigation, for Electric Vehicle Wireless Charging
- UL 62, the Standard for Safety of Flexible Cords and Cables
- CAN/CSA C22.2 No 107.1 – General Use Power Supplies (DC Fast Chargers – Level 1 and 2)
- IEC/EN 61851-1 Electric Vehicle Conductive Charging System – Part 1: General requirements
- IEC/EN 61851-22 Electric Vehicle Conductive Charging System – Part 22: AC electric vehicle charging station
- IEC/EN 61851-23 – Not published yet for DC EV charging stations (probably should not add yet)
- IEC/EN 62196 – Plugs, socket-outlets, vehicle couplers and vehicle inlets – Conducting charging of electric vehicles Part 1: Charging of electric vehicles up to 250 A a.c. and 400A d.c.

UL's services make it possible for your equipment suppliers to have their products evaluated for North America, Europe and Asia to make it easier for you to sell in your key markets. Our global network of compliance and installation code experts are experienced in working on National Electrical Code® code-making panels. And, we have a team of code experts dedicated to serving the needs of the regulatory community to aid their acceptance of UL certified electric vehicle equipment in their jurisdictions.

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