

Electric vehicle (EV) charging cable testing and certification

As automotive original equipment manufacturers (OEMs) and their suppliers embrace electric vehicle (EV) technology, the need for strong and efficient charging cables is ever increasing. At UL Solutions, we evaluate charging cables for compliance and performance while boosting our partners' confidence and helping OEMs gain a competitive edge in the marketplace.

EV charging cables are an integral part of the electric vehicle supply equipment (EVSE). Different regulatory requirements around the world specify the appropriate cables to use. To compete in the global market, you need to know that your EV charging cables are regionally compliant. UL Solutions tests and certifies EV charging cables according to various global standards. Our EV charging cable service offerings include:

- Certification to North American as well as Japanese standards
- UL EU Mark Certification to European standard EN 50620 for AC Charging Cables
- UL EU Mark Certification to International standard IEC 62893-4-1 for DC Charging Cables
- Type testing
- Research testing
- Witnessed testing at your factory in-house laboratory

Our electric vehicle (EV) charging infrastructure services offer comprehensive services for the electric vehicle industry, including testing and certification of infrastructure components and batteries.

[Learn more.](#)

Standard	Scope	Market
EN 50620	Electric cables – Charging cables for electric vehicles	Europe
IEC 62893 series	Charging cables for electric vehicles of rated voltages up to and including 0.6/1 kV	Europe and Globally
UL 2263	Electric Vehicle Cable	United States
CSA C22.2 No. 332	Electric Vehicle Cable	Canada
JCS 4522	Flexible charging cables	Japan
GB/T 33594	Charging cables for electric vehicles	China

At UL Solutions, our expert testing can help evaluate and certify EV charging cable compliance with global requirements, which helps reduce risk throughout your automotive OEM supply chain. Certified cables are automatically listed on [UL Product iQ®](#), our database for certification information where suppliers can verify UL Certification of products and components.

[Learn more about our EV Charging Cable Testing and Certification](#) or [contact us](#) for more information.



Safety. Science. Transformation.™