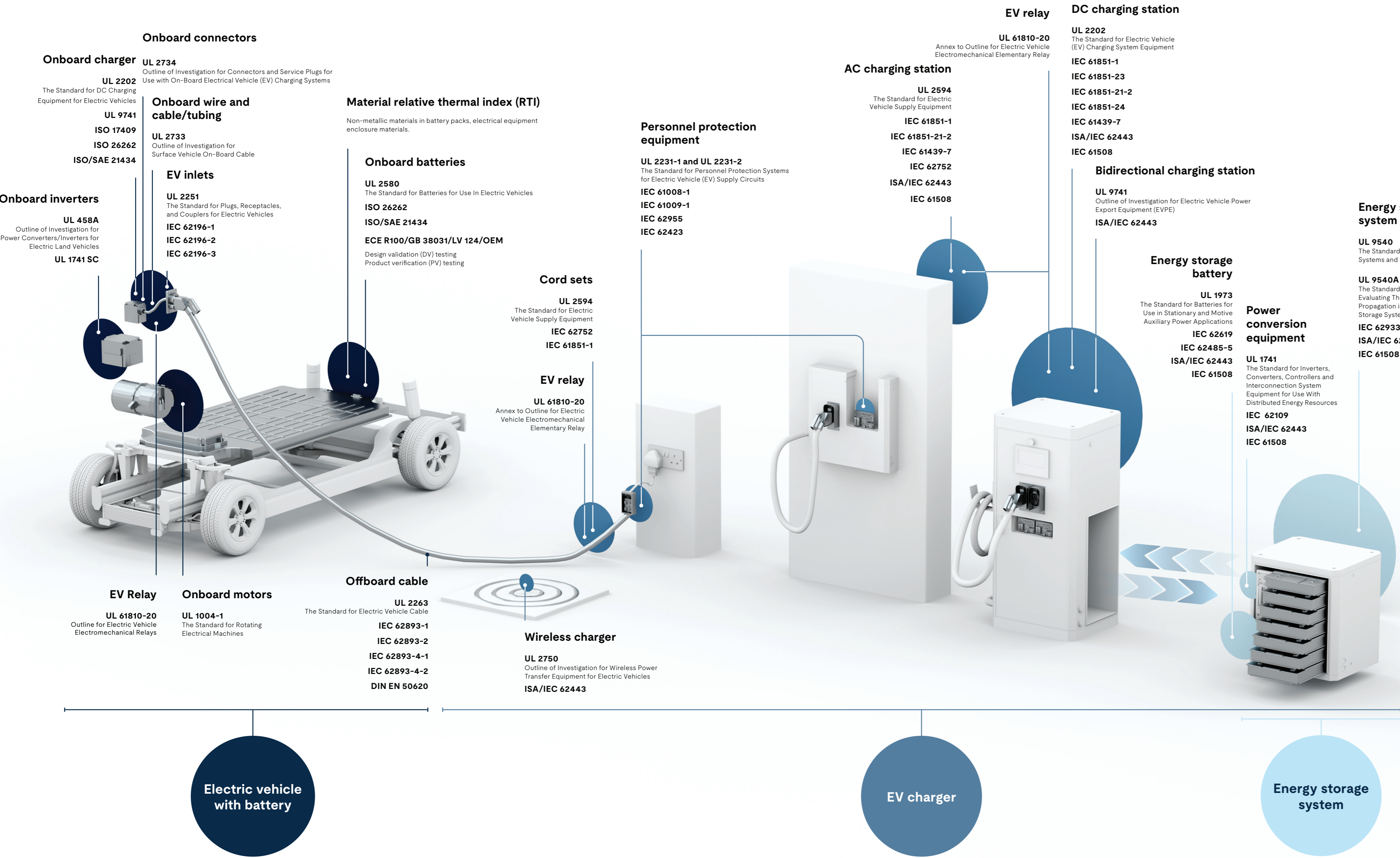


# Comprehensive safety, security and performance testing and certification services for the electric vehicle (EV) systems and electric vehicle supply equipment (EVSE) supply chains

UL Solutions can help guide companies at every stage of the EV product life cycle to address safety, security and performance.



## Key services

- EV battery certification, design validation (DV) testing and product verification (PV) testing
- Component certification and testing for EVs and energy storage systems (ESS)
- Hydrogen energy ecological chain certification and testing
- Benchmarking

## Key offerings

- Battery and high-voltage components**

We can provide customers with customized safety testing and certification services developed for EV applications and key electronic components.
- Charging facilities**

We offer a variety of charging facility services, including UL certification, CB certification and CHAdeMO EV DC quick charging certification testing.
- Performance materials**

We provide safety and performance testing and certification services for materials found in EVs, e.g., polymers, cables, sealing rings, insulating sleeves, etc. We can perform a variety of tests, including flame retardant tests, electrical ignition tests and more.
- Functional safety**

We offer a full suite of services for process-based standards, including ISO 26262, ISO 21448, IEC 61508, automotive SPICE, as well as Stages, a process management tool.
- Compliance access program**

As your trusted partner, we can help you navigate the global regulatory landscape and help you solve your compliance challenges.
- Cybersecurity**

We offer testing, evaluations and/or certification to cybersecurity standards, including ISO/SAE 21434, UNECE R155 and R156 (automotive cybersecurity) and ISA/IEC 62443 (cybersecurity for off-board and infrastructure).

Our regulatory compliance experts can help you increase consumer confidence that your products have met the latest safety and performance requirements.