



**American National Standards Institute
Electric Vehicles Standards Panel (ANSI EVSP)**

Working Groups Architecture

Vehicle Domain¹

Energy Storage Systems WG

Terminology
Power Rating Methods
Battery Safety
Battery Testing – Performance and Durability
Battery Storage, Packaging, Transport, and Handling
Battery Recycling
Battery Secondary Uses
Crash Tests / Safety

Vehicle Components WG

Internal High Voltage Cables, On-Board Wiring, Component Ratings, and Charging Accessories
Vehicle Diagnostics – Emissions
Audible Warning Systems

Vehicle User Interface WG

Graphical Symbols
Telematics – Driver Distraction
Fuel Efficiency, Emissions and Labeling

¹To conserve resources, the three vehicle domain WGs currently are meeting jointly as one Vehicle Systems WG.

Infrastructure Domain

Charging Systems WG

Wireless Charging
Battery Swapping
Electric Vehicle Supply Equipment (EVSE)
Electromagnetic Compatibility
Vehicle as Supply
Use of Alternative Power Sources

Infrastructure Communications WG

Communications Architecture for EV Charging
Communications Requirements for Various EV Charging Scenarios
Communication and Measurement of EV Energy Consumption
Cyber Security and Data Privacy
Telematics Smart Grid
Communications

Infrastructure Installation WG

Site Assessment/Power Capacity Assessment
EV Charging -- Signage and Parking
Charging Station Permitting
Environmental and Use Conditions
Ventilation – Multiple Charging Vehicles
Guarding of EVSE
Accessibility for Persons with Disabilities to EVSE
Cable Management
EVSE Maintenance
Workplace Safety

Support Services Domain

Education & Training WG

Electric Vehicle Emergency Shutoff – High Voltage Batteries, Power Cables, Disconnect Devices, Fire Suppression, Fire Fighting Tactics and Personal Protective Equipment¹
Labeling of EVSE and Load Management Disconnects for Emergency Situations²
OEM Emergency Response Guides¹
Electrical Energy Stranded in an Inoperable RESS; Battery Assessment and Safe Discharge Following an Emergency Event¹
Disaster Planning / Emergency Evacuations Involving Electric Vehicles¹
Workforce Training²

To conserve resources, Education & Training issues are being addressed by other WGs as follows:

¹Being addressed by the Vehicle Systems WG

²Being addressed by the Infrastructure Installation WG