

Build Supply Chain Network

NEMA provides unparalleled access to electroindustry thought leaders. Members can take advantage of technical working groups, online portals, plant tours, C-suite experiences, and other customized events to augment their supply chain networks.



Harness Innovation

The Internet of Things is revolutionizing the industry. Connected systems make cities smarter, medical imaging more extensible, and electrical power distribution more reliable.

NEMA Strategic Initiatives seize emerging market opportunities and alert our members of their business potential.

Join NEMA

The National Electrical Manufacturers Association (NEMA) represents nearly 325 electrical equipment and medical imaging manufacturers that make safe, reliable, and efficient products and systems. Our combined industries account for 360,000 American jobs in more than 7,000 facilities covering every state. Our industry produces \$106 billion shipments of electrical equipment and medical imaging technologies per year with \$36 billion exports.



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**THE NEMA
ADVANTAGE
FOR ELECTRIC
VEHICLE SUPPLY
EQUIPMENT/SYSTEMS**



Gain the NEMA Advantage

The NEMA Electric Vehicle Supply Equipment/ Systems (EVSE) Section comprises products used in supplying power to electric vehicles (EV) in the North American Market for residential and commercial application. Products include:

- Level 1 & 2 EVSE
- DC fast-charging EVSE
- Conductors & connectors specifically designed for use with EVSE and charging systems, including wireless
- Communications and software for EVSE and DC charging systems

Our Members

ABB | ChargePoint | ClipperCreek | General Cable | Hubbell | Leviton Manufacturing | Siemens | Southwire | TE Connectivity | Toshiba International Corporation



Our Vision

The NEMA EVSE Section supports the development of the EVSE market and lead the effort to educate the market on the features and values of EVSE infrastructure around the world by:

- Including EVSE requirements in codes, rating systems, and Standards
- Advocating for unified industry positions on legislative and regulatory issues that are favorable to EV and EVSE adoption at local, state, and national levels
- Collaborating with EVSE sales channel partners, including contractors and installers, on issues such as training programs
- Aligning efforts with major stakeholders in the EV market, including auto manufacturers, electric utilities, and state and federal government regulatory agencies



Accomplishments & Current Activities

Standards and Code Requirements

- Rewrote Article 625: Electric Vehicle Charging Systems in both the 2014 and 2017 National Electrical Code®
- Undertook a significant role in getting modern EVSE output cable cooling technologies incorporated into the 2017 NEC
- Drafted significant portions of the National Conference of Weights and Measures regulations on metrological requirements which certify that commercial EVSEs are billing customers for EV charging
- Developed standards on commercial and residential EVSE embedded metering that could be used for metrological certification purposes

- Managing the harmonization of North American EVSE certification standards through the Council for Harmonization of Electrotechnical Standardization of the Nations of the Americas
- Driving a new tri-lateral update for DC Fast Charging EVSE safety certification and Standards
- Providing input on technical EVSE-specific issues such as performance and safety certification for cables, wiring devices, and couplers

Advocacy and Regulations

- Working directly with policymakers at all levels of government to incentivize development of EVs and EVSEs
- Promoting awareness among federal policymakers and State Public Utility Commissions of the infrastructure requirements for rapid deployment of EVs and EVSE
- Tracking and responding to rulemakings and requests for information on relevant issues

Business Intelligence

- Educating the market on the features and values of EVSE infrastructure through training programs with EVSE sales channel partners
- Collecting and disseminating information on grants, incentives, and movements of other industry stakeholder groups
- Driving consistent messaging and a common agenda across other industry associations