

Electric Vehicle Supply Equipment Market Study

FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2022

ELECTRIFICATION OF TRANSPORT DEMANDS CHARGING EQUIPMENT

This ARC Advisory Group research report provides a concise analysis of the market for electric vehicle supply equipment (EVSE, EV Chargers). It includes quantitative information on market size and growth across various regions and product categories. It also includes qualitative discussions of market drivers/inhibitors as well as key strategy points suppliers should be aware of.

Electric vehicle supply equipment includes a broad range of products for delivering electricity to electric vehicles (EVs) in a safe, controlled manner. These range from the different classes of hardware that vary dramatically in power level and features, depending on use cases, to the software solutions that facilitate billing, access control, asset management, and energy optimization, to the installation and maintenance services needed to keep charging infrastructure working smoothly.

With the unbelievable drop in lithium-ion battery prices in recent years, long-range, affordable electric vehicles are becoming a reality. Sales of EVs have been growing exponentially in the private consumer segment, and procurement announcements from major names such as UPS and Amazon suggest this interest is making its way into commercial areas as well.

Governments at all levels and private citizens alike are growing more aware of the risks posed by climate change and air pollution. To this end, consumer tastes are changing and governments are introducing aggressive policy to address these challenges. Much of this takes aim at combustion vehicles, including tightening emissions standards, raising efficiency requirements, introducing zero emission vehicle credit schemes, and outright municipal diesel bans, among others.

For more information about this research, visit www.arcweb.com/market-studies/.

STRATEGIC ISSUES

Demand for charging solutions has been growing with the rising adoption of electric vehicles. The market is still in nascent form, but its future looks promising. Various forces push and pull this exciting space, from material advances and consumer perception, to ethical concerns around component metals and energy/environmental politics.

Beyond market size estimates, this report includes surveys of users and ARC analysis of future EVSE developments. It addresses strategic questions such as:

- Where is the market heading, and how can suppliers of EVSE best serve it?
- How will growth vary between the different regions of the world?
- What types of use cases will grow and deserve suppliers' attention?

RESEARCH FORMATS

This research is available as a concise, executive-level Market Analysis Report (PDF).

RESEARCH FOCUS AREAS

EXECUTIVE OVERVIEW

Major Trends
Regional Trends
Product Trends
Strategies for End Users
Strategies for Product Suppliers

STRATEGIC ANALYSIS

Factors Contributing to Growth
Factors Inhibiting Growth
Total Shipments of Electric Vehicle Supply Equipment
Shipments by Region
North America
Europe, Middle East, Africa
Latin America
Asia
Shipments by Revenue Category
Hardware
Software
Services

Shipments by Equipment Type
Private Level 2 Chargers
Public Level 2 Chargers
DC Fast Chargers, Light Duty Vehicles
DC Fast Chargers, Buses
Unit Shipments by Equipment Type

INDUSTRY PARTICIPANTS

Overview of the competitive landscape for the Electric Vehicle Supply Equipment market. Key suppliers are identified with a brief description of each.

Worldwide Electric Vehicle Supply Equipment Market

