



# YOUR GUIDE TO EV CHARGING

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# OVERVIEW OF THIS GUIDE

Automotive Charging Solutions (ACS) is pleased to offer this guide to EV charging.

The information in this guide is based on discussions with our customers, field experience, and common questions we receive.

Getting started with EV charging can seem complicated, but it doesn't need to be. Let us help you navigate the world of EV charging and work together to develop a seamless EV charging solution.

Visit our website at <https://acsgo.net> to learn more or set up a free consultation.

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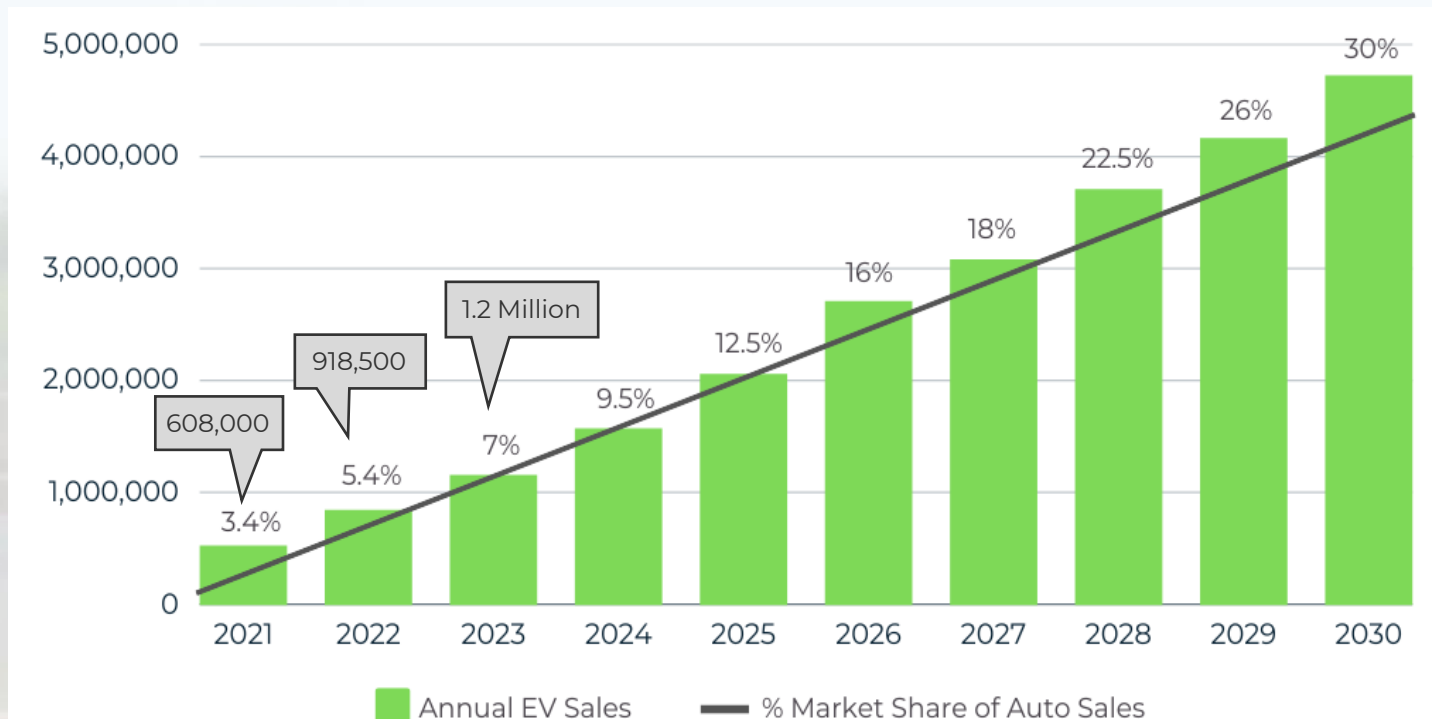
# EV MARKET OVERVIEW

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# EXPONENTIAL GROWTH OF EV SALES

By 2030, EVs Will Be 30% of U.S. Auto Sales



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# 2024 EV CHARGING TRENDS

- ✓ Longer Range, Shorter Charge Times
- ✓ More Public EV Charger Ports
- ✓ Consumer-friendly Pricing on EVs
- ✓ Increased Charger Reliability
- ✓ Using Data and Reporting to Drive Decision Making

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# WHY ADD EV CHARGING



## GUEST SATISFACTION & BRAND LOYALTY

EV charging offers an eco-conscious amenity which will attract and retain customers and increase brand loyalty.



## POTENTIAL REVENUE STREAM

Charging customers for use of the station will generate revenue, which can be used to offset operation costs and become its own revenue stream.

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# WHY ADD EV CHARGING



## COMPETITIVE ADVANTAGE

Businesses taking advantage of this opportunity differentiate themselves and stay ahead of their competition.



## SUSTAINABILITY AND SOCIAL RESPONSIBILITY

Adding EV charging stations provides alignment with global environmental initiatives and contributes to lower carbon emissions.

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# STEPS TO ADDING EV CHARGING

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# ADDING EV CHARGING

## STEP 1: SITE ASSESSMENT

- ✓ Location and Size of Parking Spaces
- ✓ Type and Number of Chargers Needed
- ✓ Load Capacity of Current Electrical Panel
- ✓ Local Permitting Requirements
- ✓ Load Calculations
- ✓ Signage and Landscaping needs

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# ADDING EV CHARGING

## STEP 2: INSTALLATION AND TESTING

- ✓ Hardware Selection and Procurement
- ✓ Software Implementation including Mobile App and Reporting and Management Dashboard
- ✓ Use EVITP-certified Electrician

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# ADDING EV CHARGING

## STEP 3: ONGOING SUPPORT

- ✓ Regular Maintenance Schedule for Equipment and Software Upgrades
- ✓ 3-Tiered Escalation to Ensure 99% Uptime
- ✓ Technical Support 24/7
- ✓ Reporting and Insights

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# TYPES OF EV CHARGERS

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# TYPES OF EV CHARGERS

## LEVEL 1

- ✓ Lowest Cost; Primarily Used in Residential Settings
- ✓ 120-Volt AC Outlet
- ✓ Charging Load: 1.4 to 1.9kW

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# TYPES OF EV CHARGERS

## LEVEL 2

- ✓ Common in Residential, Commercial and Public Spaces
- ✓ 240-Volt AC Outlet (Residential)
- ✓ 208-Volt (Commercial)
- ✓ Charging Load: 2.5 to 19.2 kW

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# TYPES OF EV CHARGERS

## LEVEL 3

- ✓ The Most Expensive and Fastest Charging Option
- ✓ NEVI Funding Can Cover Up to 80%
- ✓ 50 to 350 kW Charging Load
- ✓ Takes 20 minutes to an hour to charge an EV to 80% from empty

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# FINANCING AND COSTS OF EV CHARGING

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# OPTION 1: PURCHASE CHARGERS

- ✓ Customer Owns Equipment and Is Responsible for Installation of Hardware and Software Solutions
- ✓ Customer Collects Revenue Directly from Users
- ✓ Estimated Monthly Payment: \$0



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# OPTION 2: FINANCE OR LEASE

- ✓ Lease Terms Can Range from 3 to 6 Years
- ✓ Customer Pays Installation Costs
- ✓ Customer Gets Portion of Revenue, Which Can Be Used to Defray Monthly Fees
- ✓ Estimated Monthly Payment: \$130/Port (3-Year Lease) to \$109/Port (6-Year Lease)

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# OPTION 3: CHARGING AS A SERVICE

- ✓ Vendor Partner Handles Installation, Maintenance, and Technical Support
- ✓ Customer Pays Subscription, Ranging from 3 to 10 Years
- ✓ Customer Handles Electrical Set-up
- ✓ Customer Gets Portion of Revenue
- ✓ Estimated Monthly Payment: Starting as Low as \$50

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# ACS: YOUR EV CHARGING SOLUTIONS PARTNER

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# ABOUT ACS

Automotive Charging Solutions (ACS) was founded in 2023 by three executive leaders who put their experience, commitment, and drive into developing a turnkey EV charging solution that would deliver on the promise of offering a seamless and affordable EV charging solution.

## Our Mission

*To Enable the Evolution and Growth of Sustainable Mobility through Turnkey EV Charging Solutions.*

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# WHAT SETS ACS APART

- ✓ Custom Turnkey EV Charging Solutions
- ✓ Flexible Financing and Bundling Options
- ✓ Industry Connections and Established Relationships
- ✓ 24/7 Technical Support for Hardware, Software and End User

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# LEARN MORE

Visit us at [www.ACSgo.net](http://www.ACSgo.net) or scan the code below to get a free price quote.



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