



**CHARGE@WORK**  
POWERING WORKPLACE CHARGING

## Employee Workplace Charging Guide

### What is Charge@Work?

Charge@Work is a national outreach and technical assistance program funded by the Department of Energy (DOE) with the goal of transitioning your workplace into an electric vehicle (EV) charging leader.

As EV adoption rates continue to grow nationwide, so does the need for reliable and accessible charging infrastructure.

By advocating for EV charging at your workplace, you can play an important role in accelerating this transition, while also taking advantage of numerous benefits.

Regardless of how far along you are in your workplace charging journey, Charge@Work can support you in your advocacy efforts every step of the way.

### How to Advocate for Charge@Work in Your Workplace

Workplace charging can be a reality for you and your co-workers, and you can play an important role in making it happen.

Employees in a wide range of fields are now advocating for workplace charging to become standard in their employment packages.

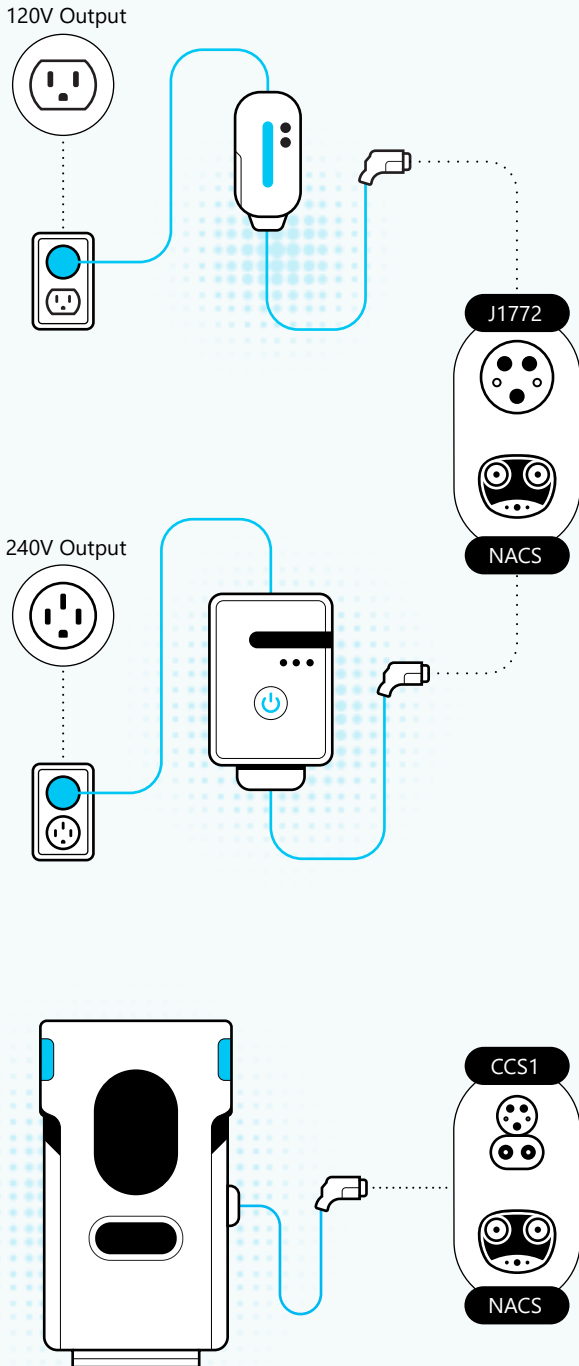
If you decide to advocate for workplace charging, patience and persistence are important skills to deploy as EVs and charging are still unfamiliar to some, so adoption might take time.

Be sure you **research the benefits, gather fellow peer support, plan out potential locations, and identify champions of your cause** before you start the conversation.

Your actions and voice matter in spreading the word about workplace charging. Charge@Work is here to provide technical assistance and online tools, at no cost, to help you and your employer explore the potential of getting your workplace electrified.

# The Three Levels of Charging

Electric vehicle charging stations vary in power and are classified into three levels: Level 1, Level 2, and Level 3. These three levels determine the rate of charging and amount of time needed to recharge the vehicle's battery. Regardless of whether you are charging at home, at work, or on the go, there is a level to meet your vehicle and lifestyle needs.



## Level 1

### 110V AC

- Charges 3–5 miles per hour, up to 24 hours for a full charge
- Least expensive option, but slowest method of charging
- Plugs into any typical wall outlet
- Best application: residential, workplace for short commutes and extended shifts

## Level 2

Ideal for workplaces

### 240V AC

- Charges 10-20 miles per hour
- Most commonly utilized charger type, recommended for workplace charging
- Plugs in like household appliances, may require some hardware installation
- Best application: residential, workplace

## Level 3

### 480V–1,000V DC

- Charges 180-750+ miles per hour
- Fastest charging option, but requires higher upfront investment
- Best application: public

# The Benefits of EVs and Workplace Charging

## Why Electric Vehicles?



### Health and Safety

With no exhaust pipe, electric vehicles do not contribute to air pollution. Poor air quality is directly linked to illnesses such as pulmonary disease, respiratory diseases, and certain cancers.



### Financial Incentives

Along with its lifetime service and fueling affordability, tax credits and other financial incentives are available for both individuals and companies alike to redeem for electric vehicles.



### Technical Capabilities

Electric vehicles are more responsive to user input than internal combustion engines and are similar to power storage units, bolstering electric grid resilience.

## Why Workplace Charging?



### Improved Charging Access

Aiding in expanding charging infrastructure, workplace charging serves as an additional location for employees to charge their vehicles outside of their homes, reducing refueling and range anxieties.



### Reduced Charging Costs

Inexpensive fueling expenses create long-term savings for both employees and employers, reducing peak charge demand by supplementing power throughout the workday.



### Positive Company Culture

Organizations that implement workplace charging make a dedication to employee and environmental welfare, sustainability, and overall job satisfaction, increasing employee retention and communal impact.

## Charge@Work for the Employee

Charge@Work is a tool designed to help bring workplace charging to you and your fellow employees. EVs are the future of transportation, and you can get ahead of the curve, as Charge@Work makes the transition to EVs easy and reliable. Get rid of range anxiety, and let your workplace do the charging.



## Powering Workplace Charging

# Implementing Workplace Charging

If your employer is interested in moving forward with implementing EV charging at work, it is essential to involve all stakeholders in the planning. Charge@Work can provide many services during this stage, including surveys to get a grasp of charging needs and desires.

Key to the planning phase is determining the scope of the project, putting together a budget, and working with a charging hardware provider.

Charge@Work can help set up your free site assessment and project planning tool to ensure your project is on the path to success.

## Ready to Get Started?

### Additional Resources

[chargeatwork.org/resources](https://chargeatwork.org/resources)

### Charge@Work Pledge

[chargeatwork.org/pledge](https://chargeatwork.org/pledge)