Electric Vehicle Charging Solutions

Powering the future of sustainable mobility

Make the most of your energy™
The Future is Here

With electric vehicles (EVs) now on the roads, we need to expand the charging infrastructure for this growing market. The following are critical factors in supporting shifting consumer behavior and adoption of EVs:

- A convenient charging infrastructure
- Installation and maintenance provided by licensed electrical contractors
- A smart-grid interface
- Efficient energy management

You can count on Schneider Electric to deliver.

You Deserve a Trusted EV Charging Partner

As a global specialist in energy management, Schneider Electric is unconditionally committed to sustainable development. Customers in over 140 countries count on us to provide energy efficient solutions from Power Plant to Plug.™

Schneider Electric has been an active contributor in the electric vehicle market for more than a decade and will continue to provide ground-breaking EV charging solutions both today and into the future. You can count on us to deliver the entire spectrum of EV charging infrastructure, smart-grid integration, service and management in one complete solution.

“Together we will build the future of sustainable mobility.”
Schneider Electric has developed **efficient charging solutions** for electric vehicles that operate as a seamless network. We’ll work with you to deliver the best infrastructure, service and management solutions for your unique needs.

**Residential Charging Solutions**

Homeowners will appreciate simple, easy-to-install and user-friendly solutions for charging their electric vehicles at home. Our charging stations, which meet NEMA requirements, are suitable for wall or pedestal mounting. Advanced versions feature intelligent communication and smart-grid integration options.

**Commercial and Fleet Charging Solutions**

Fleet and commercial customers can count on charging solutions that offer convenient public and private access. Advanced versions will feature remote monitoring and billing capabilities.

**Fast-charging Solutions**

Customers requiring access to a quick charge will enjoy our fast-charging stations either through stand-alone units or multiple units controlled by a central dispenser. These charging stations will allow drivers to re-charge as conveniently as they re-fuel at gas stations today.

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**Beyond the Plug**

All of our EV charging solutions are supported by:

- Installation and maintenance provided by licensed electrical contractors
- Infrastructure management solutions, including:
  - Smart-grid interface
  - Remote monitoring
  - Reporting

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Call 1-888-778-2733 to discover the power of smart charging.
Electric Vehicle Charging Solutions
Features and Specifications

Schneider Electric EV charging stations are quick to install and user friendly. They meet appropriate safety and code specifications and are compatible with plug-in hybrid and electric vehicles built per SAE J1772 standards. The modern, compact design of our EV charging solutions makes them aesthetically pleasing yet exceptionally durable.

- **Adaptive technology** works intuitively with the vehicle to charge the battery, automatically shutting off once the battery reaches 100%.

- **Reduces charging time by 50%** over Level 1 charging solutions.

- **As flexible as your customer**; Schneider Electric offers a full line of products available for use indoors or outdoors in both wall and pedestal mount models.

- **Protection you can count on**, including auto reset capability and integral ground fault protection for the user.

- **Extended warranty** when the solution is installed by a Schneider Electric approved electrical contractor.

- Delayed charging allows users to **schedule charging for a set period of time** to help reduce energy costs and environmental impact by charging during off-peak demand hours.

- **Authentication for commercial units** using a Radio Frequency Identification (RFID) card scan authentication ensures that only approved users can access the charging station.

- **Easy to install and integrate with other Schneider Electric products** for a complete EV solution.
<table>
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<th>Charging Station Type</th>
<th>Features</th>
<th>Specifications</th>
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| Residential                 | • Integral ground fault interrupter set at 5 mA that meets the UL definition for people protection  
                              | • Automatic recovery and re-start after ground fault interrupt or main power loss  
                              | • Ground monitor  
                              | • User-friendly LEDs to display status such as charging, detected fault, power, etc.  
                              | • Option to have advanced metering functionality to collect and monitor energy and demand profile data  |
|                            |                                                                           | • Input/output current: 30 A  
                              |                                                                           | • Input/output voltage: 240 Vac  
                              |                                                                           | • Enclosure type: indoor (NEMA 1)  
                              |                                                                           | • SAE J1772 compatible  
                              |                                                                           | • Cable length: 18 ft.  
                              |                                                                           | • Enclosure dimension (in inches): 9.53W x 12.73H x 4.36D  
                              |                                                                           | • Cable holder included  
                              |                                                                           | • Charging access: unrestricted |
| Commercial/Residential      | • Integral ground fault interrupter set at 5 mA that meets the UL definition for people protection  
                              | • Automatic recovery and re-start after ground fault interrupt or main power loss  
                              | • Ground monitor  
                              | • User-friendly LEDs to display status such as charging, fault, power etc.  
                              | • Available in various options  
                              | • Wall/pedestal  
                              | • Single/dual units  
                              | • Extremely durable RFID key fob authentication  
                              | • Option to have advanced metering functionality to collect and monitor energy and demand profile data  |
|                            |                                                                           | • Input/output current: 30 A  
                              |                                                                           | • Input/output voltage: 208/240 Vac  
                              |                                                                           | • Enclosure type: outdoor (NEMA 3R/12)  
                              |                                                                           | • SAE J1772 compatible  
                              |                                                                           | • Cable length: 18 ft.  
                              |                                                                           | • Enclosure dimension (in inches)  
                              | • Wall: 12.75W x 17.94H x 6.35D  
                              | • Pedestal: 12.87W x 56.00H x 7.83D  
                              |                                                                           | • Cable holder included  
                              |                                                                           | • Charging access: unrestricted or restricted |
| Fast-charging               | • Charges 80% of the battery in less than 30 minutes  
                              | • Intuitive, easy-to-use station  
                              | • Extremely durable RFID key fob authentication  |
|                            |                                                                           | • GPRS communication  
                              |                                                                           | • Advanced services for optimum management and maintenance  
                              |                                                                           | • Designed for sheltered outdoor use  
                              |                                                                           | • Charging access: restricted or pay-per-use |
One Source for a Comprehensive EV Charging Solution

Residential Garage:
Reduces charging time by 50% over level I charging solutions.

Fast-charging Stations:
Charge 80% of the battery in less than 30 minutes.

Retail Parking Lots:
User identification to ensure only authorized customers have access to charging stations.

Fleet Charging:
Energy management and remote monitoring capability in one complete solution.
Values you can count on:

- **Simplicity**: Easy to install and user friendly
- **Efficiency**: Management solutions to help improve energy efficiency
- **Compatibility**: Consistency across vehicles

Call 1-888-778-2733 to **discover the power of smart charging**.

**Private Company Parking:**
Free or pay-per-use services for employees and visitors.

**Public Garage:**
Convenient public charging solutions along with payment options.

**Public Parking:**
Public charging provides easy access to recharge vehicles, combining parking and charging facilities in the same infrastructure.
EV Charging Solutions from a Trusted Leader

Schneider Electric is a Global Specialist in Energy Management

Extensive energy management expertise and strong industry relationships enable Schneider Electric to deliver leading EV charging solutions that are innovative and efficient.

• A global leader in smart-grid and energy efficiency initiatives
• Long-standing relationships with utilities
• Industry-leading position in residential and commercial markets
• Nationwide electrical contractor network
• Widespread market access through established retail and distribution channels
• Codes and standards affiliations

Unconditionally Committed to Sustainable Development

Our EV charging solutions are part of an active commitment to help individuals and organizations use energy wisely.

Environment
• RoHs, REACH, WEEE standard compliance
• Eco-designed products
• ISO14001 certified throughout our sites

Energy efficiency
• USGBC corporate member
• Clinton Climate Initiative endorser
• Alliance to Save Energy partner

Ethics
• UN Global Compact endorser since 2002
• Responsibility principles signed by every single employee around the globe

Accessible energy
• Access for energy-deprived populations
• Energy-trade training for underprivileged young people
• Entrepreneurship assistance for “best of the pyramid” populations

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