



USCharger /CARE EV Charging Solutions

Expert Answers to your EV Charger installation Questions!

Just ask Eniac Energy or CARE FMS
the leading commercial installer of EV chargers

Phone: 1-561-693-7511 / Email: info@USCharger.com

What's the easiest road to EV success for my facility?

Answer: USCharger CARE solutions make EV charging infrastructure a key feature of your facility. You get all of the power—with none of the hassle.

The journey to broad EV adoption in the U.S.

The number of electric vehicles on American roads is increasing daily—and it's elevating the nationwide demand for more public and private EV charging stations.

Expert forecasts¹ estimate that by 2030, 28 million EVs will enter the American auto market. Meanwhile, the EPA has announced expected new emissions rules that will result in EVs attaining a roughly 60% market share of all vehicles by the same year.² To power those, the U.S. will need 700,000 Level-2 chargers and 70,000 Level-3 chargers. **That's an 8-fold increase in the country's EV charging infrastructure. In just 7 years.**

To help make this possible, the federal government has allocated \$5 billion over the next half-decade to increase EV charging infrastructure, promising to pay for the full installation of half a million chargers.

In short, the nation's headed straight into an era of hyperspeed growth in the EV market, and your facility needs to be ready to support it.



¹Electrek.co – 2022 S&P Global Mobility forecast – “Here’s how many EV chargers the US has – and how many it needs”

²Electrek.co – “EPA releases new emissions rules: 60% EV by 2030, saves US trillions”



Your on-ramp to easy EV implementation:

Are you reading these figures and feeling overwhelmed, lost, confused or unsure of how or where to start? Like it'll be impossible for you to meet the demand? USCharger & CARE FMS draw you a map for how to best get EV infrastructure at your facility.

As daunting as the prospect of charger proliferation sounds, our EV experts have enabled physical locations spanning over 15 different industries to meet the current and forthcoming demands of EV charging.

With access to one of the nation's largest commercial installer of EV charging solutions, we are perfectly positioned to upgrade your systems and infrastructure to meet demand. We have the **top solutions** of hardware, software, expertise and financing structures to support you every step of the way.

In short, if you've got EV questions, we've got EV answers.

Read this guide to get many of them right now. In it we address the four primary barriers to success head-on:

Barrier 1 – Where to begin and how to scale

Barrier 2 – The costs, financing options and financial structures

Barrier 3 – Finding the right solution for your specific facilities

Barrier 4 – Implementing in an uncertain economy

Once you know what you're up against, we can start solving for it together, in a way that best benefits your facility and the people in it.

What questions should I be asking about EV charging infrastructure?

Answer: If you're not sure where to start, don't worry—we've already asked and answered all the questions.

EV charging technology is just now becoming widely demanded, mandated and adopted. As a result, many facility owners and managers aren't completely familiar with the details, specs and requirements of implementing EV at their facilities. At the same time, they have reasonable concerns surrounding making a significant investment in EV charging infrastructure. They worry that the EV installation market is:

- Not yet mature
- A sea of sameness
- Fragmented
- Highly focused on software-enabled charging ports
- Full of jargon

Furthermore, EV marketing often loses track of the primary beneficiaries of the technology: EV drivers, the environment and the client's business.

Facility owners and managers are uncertain on the best path forward, what sort of investment to expect and the ongoing costs and management requirements for maintaining the charging systems.

Steering the EV rollout in the right direction

In December 2021, the Biden-Harris Administration unveiled its "EV Charging Action Plan"³ to outline steps federal agencies are taking to standardize, streamline and support the efforts to develop and deploy EV chargers in American communities across the country.

As part of that plan, the Bipartisan Infrastructure Law includes \$5 billion in funding for building a national EV charging network.

Consulting firm McKinsey & Company⁴ emphasizes not only the pressing need for increased EV charging infrastructure, but also consideration around the distribution and placement of such infrastructure:

“An important principle to consider is placing public chargers where EV owners will charge their vehicles.

This point may seem obvious, but it can be challenging to accomplish in practice. By distributing public chargers in the right numbers and places, states and companies can analyze the driving & parking behavior of motorists in detail at the local level.”



³ The White House – “Fact Sheet: The Biden-Harris Electric Vehicle Charging Action Plan”

⁴ McKinsey & Company – “Building the electric-vehicle charging infrastructure America needs”

Does EV Charging make sense for my Venue?

The President is laying the foundation for a nationwide network of EV charging infrastructure to provide a reliable, affordable, convenient, seamless user experience that is equitable and accessible for all Americans.

As a result, EV charging stations are now being required across a variety of facilities and industries:



Parking Structures

Commercial complexes, airports, shopping centers, hospitals, schools and campuses



Governments & Municipalities

City, county, state, federal; public access to charging at downtown parking and shopping, and as an employer, for EV fleets



Commercial & Industrial Buildings

Employer workplace locations and EV fleets



Shopping & Convenience Venues



Multi-tenant / family

Multi-tenant/multi-family building owners will need to accommodate EV drivers



Public & Private Fleets

Electric buses and shuttles need access to efficient charging



Convenience, Gas, Quick Food

Beyond convenience, the EV chargers are also helping these facilities meet their green building initiatives and ESG goals⁵, including improving air quality and reducing emissions. They're also supporting our nation's larger goals of creating a path to net-zero emissions by 2050 and positioning U.S. industries to lead these global efforts.

In summary, the best time to start investing in EV charging infrastructure was yesterday. The next best time is right now.

How do I prepare my facility for the EV revolution?

*Answer: Here's your EV roadmap.
We drew it just for you.*

The right EV solution takes everything into account from the beginning. Financing and procuring for charging stations. Dynamic pricing models based on demand. Ongoing service and maintenance. All with an eye on long-term sustainability.

Here's how we builds your custom, scalable EV roadmap for implementing charging technology and capabilities at your facility.

1 SITE CONSULTATION & ANALYSIS

USCharger & CareFMS or USCharger will help identify the optimal configuration to incorporate EV charging infrastructure while minimizing disruptions to your existing operation.

2 EQUIPMENT & NETWORK SYSTEM SELECTION

USCharger & CareFMS will provides the EV chargers and operating software that ensure a smooth equipment installation or upgrade.

3 FINANCING STRUCTURE & INCENTIVES

USCharger & CareFMS helps you identify and secure local, state and federal funding, and provides financing for multi-year projects. Whether through a service-based structure, private or public funding, We work with you to uncover expansive financing options.

4 DESIGN, INSTALLATION & ELECTRICAL TESTING

USCharger & CareFMS experts design the EV charger installation—ensuring your facility has the right power distribution assets and capacity—whether you install Level-2, Level-3 or a combination of charging ports.

Then, our network of professionals perform compliance and safety assessments on all of it, ensuring dependability, reducing liability and protecting the people using your charging equipment per NFPA 70E standards.

5 ONGOING SERVICE & MAINTENANCE

After installation, your dedicated team remains an active partner.

This includes regular maintenance and any needed lifecycle service and future-proofing upgrades to keep pace with evolving technology and regulations.

6 CONTINUOUS MONITORING, ANALYTICS & REPORTING

USCharger provides dashboards with savings, sustainability and performance metrics all in one place. This empowers you with usage rates, monetization, power management and the additional data you need to report to your stakeholders and community. All to help you minimize costs, maximize revenue and make informed decisions about your pricing and programs.

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Throughout it all, USCharger and CareFMS are

by your side, answering every question and ensuring that you make the best choices today—while remaining flexible and ready for the future of EV.



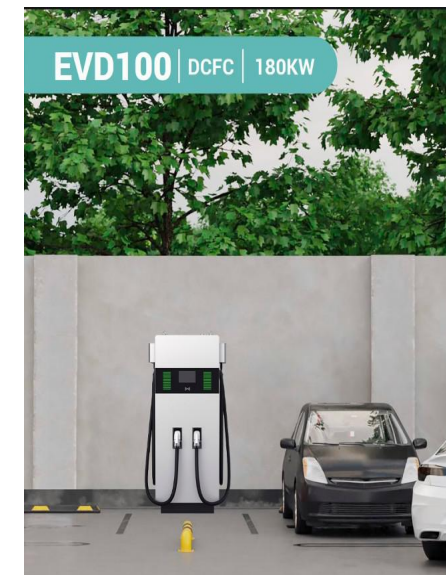
Why trust USCharger & CareFMS as an authority on EV infrastructure?

Answer: We've got more than 5 years of experience—and nearly 4000 installed EV charging ports on our network to prove it.

With USCharger & CareFMS's extensive experience in parking management and energy-saving solutions, we help your facility navigate the intersection of evolving technology, power requirements and operations that impact successful EV charging infrastructure. And our proven experience in eMobility means that we know how to expedite the implementation process and help you plan for your facility's future.

Facilities of all sizes partner with USCharger & CareFMS. Our scale and breadth of expertise enable us to offer custom, cost-effective solutions that serve your drivers, your objectives and your bottom line. USCharger & CareFMS are uniquely positioned to help you design and implement custom, innovative EV charging projects.

USCharger & CareFMS teams provide the right resources to perform installation, power distribution upgrades and cost-effective preventive maintenance, bundling the services you need to create a the customized EV solution which will be most effective for your goals and your facility.

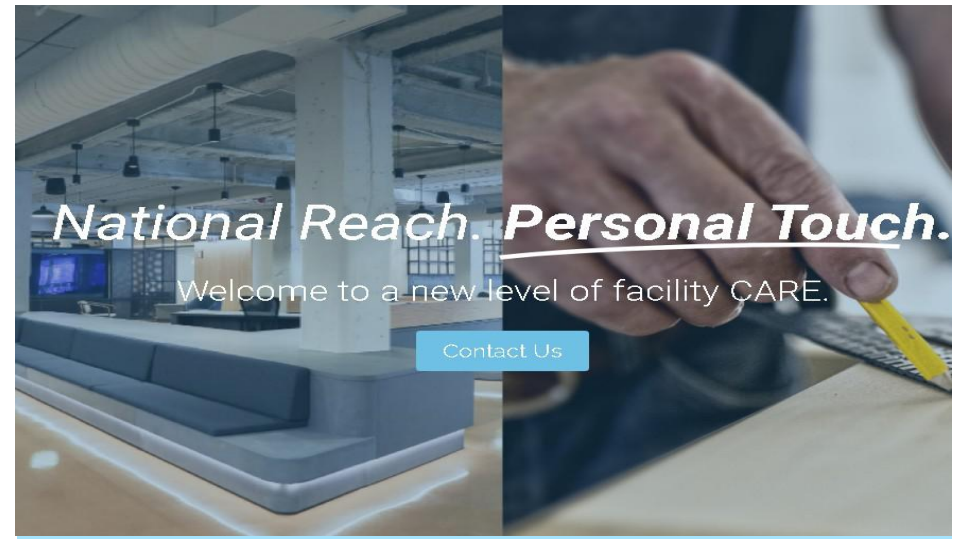


Expert answers to every EV installation & maintenance Question...

The EV revolution is coming, and preparing for it is a massive undertaking. Trust **USCharger & CareFMS** to lead your facility to EV profitability.



CARE FMS provides facilities management with a broad range of managed and self-performed maintenance and repair services.



Commercial Offices • Retail, Restaurant & Convenience Chains • Retail Medical, Dental & Urgent Care Facilities • Supportive Housing, Condominium Complexes • Gated Communities

THE CARE PACKAGE



We leverage a team of talented technicians along with a world class partner network



Service delivery is overseen by locally based "Station Chiefs" who provide personal oversight of all self-performers & subject matter expertise across the scope of the project



With support from Customer Success Managers (CSMs), both networked on our CARE Simplify service management platform

What's the easiest road to EV success for my facility?

From assessment and consult to design, build, install and service, the right EV solutions provider takes everything into account. And **USCharger & CareFMS** delivers on everything EV.

CARE
FACILITY MANAGEMENT SERVICES

Our Difference is **SIMPLE**

The right talent, at the right time at the right price

Risk Management

Your digital inventory is connected to a library of easy-to-perform inspections and surveys available through the CARE SIMPLIFIED mobile app.

- Authority Having Jurisdiction
- Emergency Management
- Hazardous Materials
- Fire & Life Safety
- Safety & Security
- Utilities
- Janitorial Protocols
- and more!

Actionable Intelligence

Client Portal

- Service Dashboards
- Escalate Problem
- Schedule Event
- Manage Equipment
- Detailed View
- User Roles

Digital Asset Management

Our "tagology" enables you to manage each location's assets at-a-glance with comprehensive, actionable dashboards.

- Asset Photos
- Manufacturer, Model, Serial #
- Physical Location Detail
- Operating Manuals & Supportive Content
- Service History
- Warranty Information
- Required PDF Documents

Compliance Management

Manage each location's compliance at a glance with comprehensive, actionable dashboards.

- Regulatory Compliance
- Preventative Maintenance
- Asset Management
- Maintenance Budget
- Vendor Assessments & Ratings



CARE

FACILITY MANAGEMENT SERVICES

Experience the new level of facility CARE.

CALL 877-660-7707

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Eniac Energy, LLC

USCharger.com

Services

Difference

About

OEMs

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Will new power distribution technologies offer economics lower costs and simplify the installation?



Our EV SuperTrack Busway offers a unique overhead solution to power your Electric Vehicle Supply Equipment (EVSE) infrastructure. By design, this open channel architecture eliminates the need for costly electric runs and trenching for pedestal designs, drastically reducing installation time and costs. The versatility of this installation also allows quick modifications and reconfigurations of power access points. Whether powering directly to vehicles or to existing charging systems.

EV SuperTrack Installations are the simplest and most cost effective and user friendly solution for installing and managing EV Chargers at your location!



 Reduced Installation Time & Costs

 Built-in Infrastructure for Growth

 Scalable, Versatile, and Reusable

FEATURES

Delivers optimal voltage and ampacity on a mass scale

Plug-in units can be tapped instantly at any location, providing power at the point of use

Eliminates the need for numerous panels and long runs of pipe and wire

Revenue grade metering options for power monitoring and load balancing

TECH DATA

Customizable section lengths up to 20ft

40 to 1250 amp systems, 1- and 3-phase

Rated up to 600Vac or 600Vdc

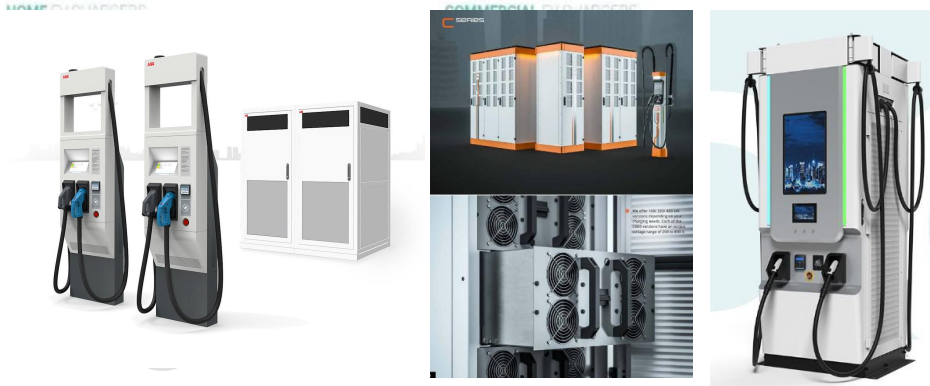
UL, NEC, ETL & IEC certifications

Case, dedicated or isolated ground options

How many EV charging stations, and which types, do I need?

Answer: It all depends on your goals, footprint and the investment you want to make in your facility's EV infrastructure. But, no matter which way you choose to go, USCharger can get you there.

As electric vehicles continue to evolve, USCharger can help you lead the charge by right-sizing your EV assets and maximizing their useful service



Here's a quick overview of the three main types of EV charging technology:

Level-1 Charging – Uses a standard 110/120-volt receptacle

- A simple cord with an adapter uses a standard AC wall plug on one end and the EV's standard charging port on the other. This offers a slow "trickle" charge that is best suited for emergency charging, as it only provides a limited extension of the vehicle's range over a long-duration charge.

Level-2 Charging – Uses the 208/240-volt SAE J1772 port for faster charging

- It can be anywhere from 3.5 to 10 times the speed of a Level-1 charger (4-6 hours to fully charge a small EV).
- With their relatively low cost and moderate electrical infrastructure demands, Level-2 stations have become both the global industry standard and the practical standard for the majority of sites.
- Keen eyes will notice a growing number of charging stations popping up in key metro areas at retailers, public parking sites, office buildings, parking structures and residences.

Level-3 Charging (DC Fast Charging) – 480 volt, very fast charging for automobiles equipped with the Fast Charging option

- DC Fast Charging can charge a small EV to 80% of its capacity in less than 30 minutes.
- Unlike Level-2, where there is one global standard, Level-3 chargers have at least three "competing standards." These standards have regional roots, yet both are battling for global dominance. It will take some time to see if the industry moves to a single option or if we live with two for the foreseeable future.⁸

No matter which type you need, the USCharger & Care FMS teams know how to design efficient, safe and dependable EV installations.

What are the right EV chargers to meet my needs and demand?

Answer: USCharger and CareFMS provide and installs world-class charging technology. We'll work with you, your facility and your goals to implement the best possible EV charging hardware.

From entry-level charging solutions to the latest smart EV Level-2 charging stations and Level-3 heavy duty fleet chargers, our options are perfect for any location, including hotels, offices, entertainment venues, residential parking lots and more.

The advantages of USCharger EV solutions



Fast time-to-market



Best-in-class reliability



Low development costs



Comprehensive product support

USCharger EV charging hardware overview



- ISO15118 (Plug & Charge) for better charging experience
- CTEP certification ensures metering accuracy and transparency
- Cyber Security solution to protect the EVSE from hacking

Model No.	EVC10/10AC	EVC10/10DC	EVC10/10AC	EVC10/10AC	EVC10/10AC	EVC10/10AC
Voltage	208-240VAC	208-240VAC	208-240VAC	208-240VAC	208-240VAC	208-240VAC
Amperage/Power	16A/3.8kW	32A/7.6kW	48A/10.8kW	48A/11.5kW	70A/16.8kW	80A/19.2kW
AC Power Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Display	6.5" LCD	6.5" LCD	6.5" LCD	6.5" LCD	6.5" LCD	6.5" LCD
User Authentication	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)
Connectivity	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional
Operating Temperature	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F
IP Level	IP54	IP54	IP54	IP54	IP54	IP54
W. Rating	W08	W08	W08	W08	W08	W08
Cable Length	100' (200' optional)	100' (200' optional)	100' (200' optional)	100' (200' optional)	100' (200' optional)	100' (200' optional)
Net Weight	12.8lbs	12.8lbs	14.0lbs	14.0lbs	15.1lbs	15.1lbs
Gross Weight	14.1lbs	14.1lbs	15.3lbs	15.3lbs	16.4lbs	16.4lbs
Product Dimensions	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"
Package Dimensions	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"

PAGE/08



- OCPP 1.6J full function, OCPP 2.0.1 updatable
- ISO15118 (Plug & Charge) for better charging experience
- Cyber security solution to protect the EVSE from hacking

Model No.	EVC11/11AC	EVC11/11DC	EVC11/11AC	EVC11/11AC	EVC11/11AC	EVC11/11AC
Voltage	208-240VAC	208-240VAC	208-240VAC	208-240VAC	208-240VAC	208-240VAC
Amperage/Power	16A/3.8kW	32A/7.6kW	48A/10.8kW	48A/11.5kW	70A/16.8kW	80A/19.2kW
AC Power Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
User Authentication	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)
Connectivity	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional
Operating Temperature	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F
IP Level	IP54	IP54	IP54	IP54	IP54	IP54
W. Rating	W08	W08	W08	W08	W08	W08
Cable Length	100' (200' optional)	100' (200' optional)	100' (200' optional)	100' (200' optional)	100' (200' optional)	100' (200' optional)
Net Weight	12.1lbs	12.1lbs	14.0lbs	14.0lbs	15.1lbs	15.1lbs
Gross Weight	14.0lbs	14.0lbs	15.3lbs	15.3lbs	16.4lbs	16.4lbs
Product Dimensions	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"
Package Dimensions	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"

PAGE/10



- OCPP 1.6J full function, OCPP 2.0.1 updatable
- ISO15118 (Plug & Charge) for better charging experience
- Dynamically balance energy to reduce electricity costs

Model No.	EVC12/12AC	EVC12/12DC	EVC12/12AC	EVC12/12AC	EVC12/12AC	EVC12/12AC
Voltage	208-240VAC	208-240VAC	208-240VAC	208-240VAC	208-240VAC	208-240VAC
Amperage/Power	16A/3.8kW	32A/7.6kW	48A/10.8kW	48A/11.5kW	70A/16.8kW	80A/19.2kW
AC Power Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
User Authentication	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)	RFID (ISO14443)
Connectivity	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional	LAN standard, 4G or Wi-Fi optional
Operating Temperature	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F	-25°F to 125°F
IP Level	IP54	IP54	IP54	IP54	IP54	IP54
W. Rating	W08	W08	W08	W08	W08	W08
Cable Length	100' (200' optional)	100' (200' optional)	100' (200' optional)	100' (200' optional)	100' (200' optional)	100' (200' optional)
Net Weight	12.1lbs	12.1lbs	14.0lbs	14.0lbs	15.1lbs	15.1lbs
Gross Weight	14.0lbs	14.0lbs	15.3lbs	15.3lbs	16.4lbs	16.4lbs
Product Dimensions	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"	14.2" x 8.8" x 5.3"
Package Dimensions	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"	19.8" x 13.7" x 10.7"

Dual Level-2 EV Charging

View Specifications



Tailored for commercial deployment

Wall-mounted and integration design for easy installation

Reduce the investment of power capacity to enjoy fast ROI

Model No.	EVC01/644C	
Voltage	208-240Vac	
Amperage/Power	32A+32A/7.68kW+7.68kW	48A+48A/11.50kW+11.50kW
AC Power Frequency	50-60Hz	
Display	4.3" LCD	
User Authentication	RFID (ISO14443)	
Connectivity	LAN/WiFi, standard, 4G optional OCPP1.6J / Upgradable to OCPP2.0.1	
Operating Temperature	-22°F to 122°F	
IP Level	Type3	
K Rating	IK08	
Cable Length	18ft (20ft optional)	
Net Weight	30.09lbs	
Gross Weight	33.29lbs	
Product Dimensions	18.46" x 16.7" x 6.3"	
Package Dimensions	22" x 18.46" x 13.39"	

PAGE/14

Level-3 EV Charging

View Specifications



1-phase & 3-phase compatible

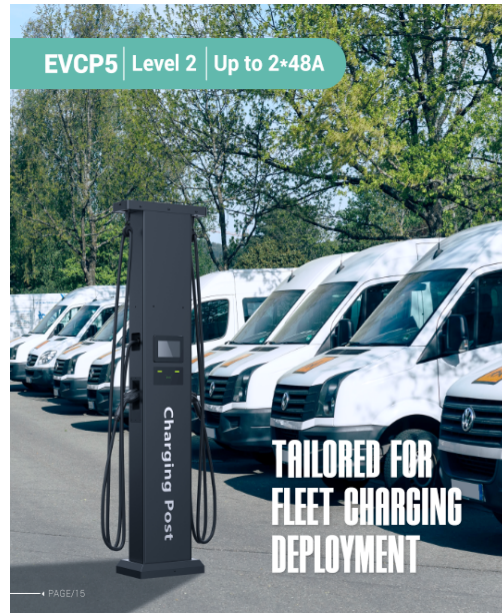
200-1000V of wide range to charge various EVs

Pull-out power module, easy to maintain

Widely used for home, malls, fleets, multi-family and so on

Model No.	EVD100/030	
AC Input	Number of Phase / Wire	3Ph/1.1, 1.2, 1.3, N, PE
	Voltage	200-480Vac
	Max. Input Amperage	40A
	Frequency	50-60Hz
DC Output	Power factor	PF>0.98(Rated load)
	Efficiency	94%
	Max Power	30KW
	Voltage Operating Range	200-1000V
DC Output	Max. Amperage	30A@1000Vdc
	Charging Outlet	CCS1 with 10ft cable
	Display	7" touch LCD
	User Authentication	RFID (ISO14443 A/B)
EV Communication	EV Communication	ON 7021/ISO15118
	Connectivity	LAN, WiFi, 4G
	OCPP1.6J	
	Operating Temperature	-22°F to 122°F
IP Level	IP Level	NEMA 3R
	Cooling	Forced Air
	Operating noise level	<65dB
	Altitude	<6561ft
Product Dimensions	Product Dimensions	4407*1093*55mm
	Package Dimensions	1000*600*120mm

PAGE/22



Fast-charging 2 EVs simultaneously and charge up to 75-miles within an hour

7" touch screen make driver easy to use

Ideal for fleet deployment

Model No.	EVCP5	
Voltage	208-240Vac	
Amperage/Power	60A+60A/19.2kW+19.2kW	
AC Power Frequency	50-60Hz	
Display	7" touch LCD	
User Authentication	RFID (ISO14443)	
Connectivity	LAN standard, 4G or WiFi optional OCPP1.6J / Upgradable to OCPP2.0.1	
Operating Temperature	-22°F to 122°F	
IP Level	Type3	
K Rating	IK08	
Cable Length	18ft	
Net Weight	165lbs	
Gross Weight	178.6lbs	
Product Dimensions	81.6" x 22.7" x 11.2"	
Package Dimensions	Top: 28.6" x 28.0" x 11.7"/Bottom: 64.2" x 21.0" x 15.3"	

PAGE/16



High power efficiency > 96%

200-1000V of wide range to charge various EVs

Smart power sharing

Model No.	EVD100/030		EVD100/050		EVD100/100		EVD100/150		EVD100/180		
AC Input	Number of Phase / Wire	3Ph/1.1, 1.2, 1.3, N, PE									
	Voltage	200-480Vac									
	Max. Input Amperage	100A	135A	180A	225A	275A					
	Frequency	50-60Hz									
DC Output	Power factor	PF>0.98(Rated load)									
	Efficiency	96%									
	Max Power	60KW	90KW	120KW	150KW	180KW					
	Voltage Operating Range	200-1000V									
DC Output	Max. Amperage	60A@1000Vdc	90A@1000Vdc	120A@1000Vdc	150A@1000Vdc	180A@1000Vdc					
	Charging Outlet	CCS1 with 13ft cable									
	Display	7" touch LCD									
	User Authentication	RFID (ISO14443 A/B)									
EV Communication	EV Communication	ON 7021/ISO15118									
	Connectivity	LAN, WiFi, 4G									
	OCPP1.6J										
	Operating Temperature	IP54									
IP Level	IP Level	NEMA 3R									
	Cooling	Forced Air									
	Operating noise level	<65dB									
	Altitude	<2000M									
Product Dimensions	Product Dimensions	820*1781*111mm									
	Package Dimensions	1070*900*200mm									

PAGE/24

Pedestals & Cable Management:

Eniac Energy, LLC

USCharger.com

Wallmount
Cable Management



side by side
Pedestal+ Cable Mngt



back to back (dual gun)
Pedestal+ Cable Mngt



back to back (single gun)
Pedestal+ Cable Mngt



side by side
Pedestal

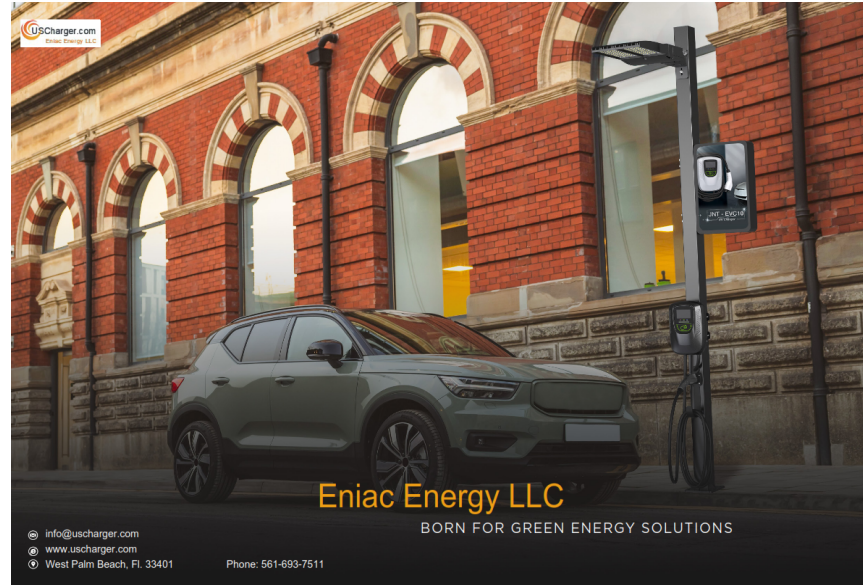
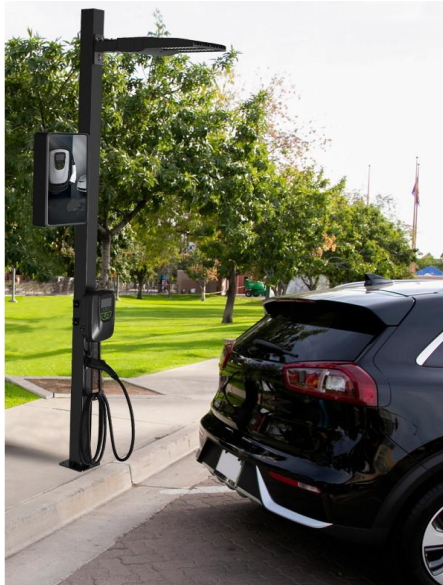


back to back (dual gun)
Pedestal



back to back (single gun)
Pedestal

Custom
Light Poles
Integrated
with
Chargers &
Advertising



Meeting high-voltage requirements for Commercial Charging

These days, it's become common to see chargers with more residential specifications, such as 240V, 20A. Now, 40A circuits are needed for AC charging.

For DC Fast Charging, 50kW and 400V have been the norm. And that's poised to increase to 800V at 350kW of charging. Meanwhile, the market is already looking ahead to 1,000kW (1MW) and 1,200V.

Many commercial electricians are not required to work with voltages higher than 480V phase-to-phase, and many work mostly with AC power. DC Fast Charging means more technicians will need to be trained to work on DC at the 1,000V (soon to be 1,200V) level. This means a change in the insulation rating of the wiring needed, a change to the personal protective equipment (PPE) requirements for the job and a big change to your training plans.

To operate in this increasingly charged environment, Our team has fully trained its personnel across the board—not just techs. Our field electricians all possess the appropriate skills and PPE for handling higher voltage equipment. In addition, our estimators, designers and project managers are well-versed in the increased power requirements and working practices required.



480kW Standalone DC Charger (The newest design) Dynamic Charging & Dual Screen to Generate Faster ROI



Features

- Simultaneous 4 DC charging ,multi-standard:CCS,CHAdeMO and GB/T
- Up to 480kW /500A per output with liquid-cooled connector
- Efficiency > 94%
- Support Ethernet WiFi and 3G/4G
- Customization available, easy installation and maintenance
- 7 inches LCD screen with user friendly interface
- IK10/NEMA 3R,IP55
- OCPP 1.6 JSON



ABB / Kempower Fast Chargers

ABB DC Fast Chargers

[View Specifications](#)

Model:	Charger:	Features:
Terra DC Wallbox UL	The UL certified Terra DC Wallbox is a compact 24 kW DC fast charger perfect for commercial parking, auto dealerships, workplace facilities and fleets.	With its low-power, high-voltage architecture, the Terra DC Wallbox can be installed at sites with defined or limited available power service – while offering 920 VDC charging capability for every EV model.
Terra 54HV UL	Fast charger designed to support 50 kW continuous charging for medium and heavy duty vehicles with battery voltages requiring up to 920 VDC, according to the CCS standard.	ABM's Terra 54HV is part of the bestselling Terra DC fast charging family, known for superior usability and reliability as well as integrated Connected Services for remote services and firmware updates.
Terra 124/184UL	The Terra all-in-one DC fast charger offers power up to 180 kW, with convenient charging times for every EV – including those with HV batteries.	The compact, modular design makes it perfect for retail, highway or fleet use, with power sharing to further optimize utilization. All Terra chargers feature connectivity for remote services and OCPP enablement.



Kempower DC Fast Chargers

[Ask for Specifications](#)



USCharger Info - Phone: 1-561-693-7511 / Email: info@USCharger.com

How do I monitor and optimize the usage of my EV charging stations?

***Answer:** Our intelligent, EVSE Management Software enables you to balance comprehensive reporting, manage energy, set rates for internal & external customers in a few clicks.*

USCharger doesn't just specialize in charging hardware. Our EVSE Management Software is a versatile, cloud-based operating platform that can run a single charging station or a network of charging stations across multiple locations.

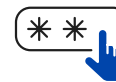
Utilizing smart algorithms and intelligent monitoring, the software balances electrical usage, optimizes available power usage and protects local electrical systems from overloading.

Our EV SE software offers flexible implementation options to suit your ideal number of chargers. It's part of the complete charging package that we offers industries and facilities.



Core Services

- Remote operation management that is scalable and brings a single charging site or entire charging network into focus on a single platform
- Easy access information management includes the location and photos of each charging site
- Comprehensive reporting with automatic peak-hour pricing and cost optimization
- Automatic infrastructure diagnostics that reduce downtime and enhance visibility to **maintenance teams**
- Energy management, enablement and promotion features to optimize operation
- inbound and Outbound eRoaming to over 80 charging networks and over 250,000 charging points.
- Customizable solutions for business and charging network operators of any size
- Build your own charging ecosystem through API integrations including rewards programs, building entry badges and parking systems



Access Code



Prepaid E-Card



Promo Codes



Load Management

[Click Here For more Information](#)

What EV financing, tax incentives, grants and rebates can I get for my facility?

Answer: *Our experts help you identify governmental funding and financing options for your facility to help you pay—and pay less—for your EV charging infrastructure.*

The installation of EV charging infrastructure is supported by subsidies and rebates at the federal, state and local levels.¹⁰ Local governments as well as utilities providers offer an array of tax credits, rebates and grants to help offset the installation and operating costs of an EV charging network.

While most people are familiar with the federal tax credits available for installing EV chargers, many are unaware of additional programs that may be available. Right now, 63% of the country is covered by a rebate or incentive for installing an EV charger.¹¹

Representative programs include:¹²

The National Electric Vehicle Infrastructure (NEVI) Formula Program¹³

- Allocates \$5 billion in funding for EV charging infrastructure along 75,000 miles of highway across the country.
- Your facility must be within one mile of an established alternative fuel corridor to qualify and may need to meet other requirements as well.

The 30C Alternative Fuel Infrastructure Tax Credit¹⁴

- Commonly referred to as the “federal tax credit,” gives qualifying businesses a 30% tax credit, up to \$100,000, for the purchase and installation of EV charging infrastructure.
- Businesses must have installed the stations between Jan. 1, 2023, and Dec. 31, 2032, and must claim the credit on their federal tax return.

Numerous State & Local Incentives & Laws¹⁵

- There is a wide number of state and local laws and incentives that encourage or require the use of alternative fuels, electric vehicles, EV charging station design guidance, EV ready building requirements or strategies to decrease fuel use or increase fuel economy.

Having done this for over a decade with a dedicated Rebate & Incentive team, **USCharger** constantly tracks available EV programs by state. All to help you get as many tax credits, rebates, grants and incentives as possible—and to minimize the cost of your EV implementation.

¹⁰ U.S. Department of Energy - Energy Efficiency and Renewable Energy - “Electricity Laws and Incentives”

¹¹ BriteSwitch - “Rebates for EV Chargers. Do you qualify?”

¹² U.S. Department of Energy - Alternative Fuels Data Center - “Electricity Laws and Incentives in Federal”

¹³ Federal Highway Administration - Bipartisan Infrastructure Bill - “The National Electric Vehicle Infrastructure (NEVI) Formula Program Guidance”

¹⁴ U.S. Department of Energy - Energy Efficiency and Renewable Energy - “Alternative Fuel Infrastructure Tax Credit”

¹⁵ U.S. Department of Energy - Energy Efficiency and Renewable Energy - “State Laws and Incentives”



EV Charger Financing EV Cloud Solutions

Electric vehicles sales are booming and will account for a majority of car sales by 2040.

This means your customers are already looking for places to charge.

With EV Cloud Solutions' custom-designed EV Charging solution for asset owners, parking operators, office buildings and MDUs can increase your location's value, and create revenue streams beyond parking, while tapping into a new customer base and providing charging services for your members, owners and guests. Getting started with our **EV Charging program** is easier than ever with two new payment models: **Charging-as-a-Service**.

Why EV Cloud Solutions

- ✓ **Low risk:** Our EV program is managed by EV Cloud Solutions with no upfront costs and comes fully-insured.
- ✓ **Massive new customer audience:** Grow asset visibility among rapidly-growing customer base through aggregators and transform reservations to your asset into a destination.
- ✓ **Additional revenue stream:** Revenue share model with ability to adjust pricing during seasonality and events.

Get Started with a Customized Location Review

- Site evaluation to determine viability
- Review vertical specific parameters
- Unique branded designs for visibility
- Utility/power access and evaluation
- Installation and scalability planning



So, what's the ROI on EV Chargers?

Answer: Happier tenants and visitors. Fewer carbon emissions. Cleaner air. Less energy waste. Lower energy bills. Greater revenue for your facility.

Assumptions / Proforma 1 Charger

Rates		Data												
Average Charge Level 2	\$	40.00	FEEL GOOD RATE											
% profit		60%												
Profit per Charge	\$	24.00												
Number of Charges per Month/Hose	# Charges/hose		6	7	8	9	10	11	12	13	14	15		
Revenue Per Month/ hose	\$/hose		\$ 144.00	\$ 168.00	\$ 192.00	\$ 216.00	\$ 240.00	\$ 264.00	\$ 288.00	\$ 312.00	\$ 336.00	\$ 360.00		

Fast Charger Speed	Tesla Charge Time
150 kW	18 min
180 kW	15 min
240 kW	11 min
300 kW	8 min

Average Charge Level 3	\$	60.00	FEEL GOOD RATE											
% profit		70%												
Profit per Charge	\$	42.00												
Number of Charges per Day/Hose			1	2	3	4	5	6	7	8	9	10		
Number of Charges Per Day Per Char	2		2	4	6	8	10	12	14	16	18	20		
Revenue Per Day per hose			\$ 24.00	\$ 48.00	\$ 72.00	\$ 96.00	\$ 120.00	\$ 144.00	\$ 168.00	\$ 192.00	\$ 216.00	\$ 240.00		
Number of Charges Per Month			60	120	180	240	300	360	420	480	540	600		
Revenue Per Charger per month	2		\$ 1,440.00	\$ 2,880.00	\$ 4,320.00	\$ 5,760.00	\$ 7,200.00	\$ 8,640.00	\$ 10,080.00	\$ 11,520.00	\$ 12,960.00	\$ 14,400.00		

Find out exactly what USCharger can do for you. Speak with one of our EV experts today.

Got EV questions? Get EV answers.

Just ask USCharger—the leading commercial installer of EV chargers in the U.S.

EV Cloud Solutions **Charging-as-a-Service**

EV Cloud Solutions has made it easier for you to offer EV charging in your asset with our introduction of the **Charging-as-a-Service program**. Now you can offer EV charging to drivers without the upfront capital costs.



- ✓ Charging equipment, infrastructure upgrades and installation costs financed by EV Cloud Solutions into one low monthly or yearly fee
- ✓ Uncapped revenue potential
- ✓ Program and maintenance completely managed by USCharger
- ✓ Reservations enables convenience for users and scheduling ease for operators

- ✓ "Rip & Replace" program to utilize existing infrastructure with USCharger equipment maximizing past investment
- ✓ Seamless integration with USCharger's Operating System

OPTION

LEASE OR EQUIPMENT FINANCE

LOW RATES..... BASED ON CREDIT

100% FINANCING INCLUDING INSTALLS

EV Charge Solutions Customer Proposal

Date: _____

Customer Name: _____

Term of Agreement: _____

Est Monthly Base _____

_____ # of Level 2 Hoses: _____ Chargers:

_____ # of Level 3 Hoses: _____ Chargers

_____ Do you need Turn key including Electric?

_____ ** Engineering, Permits & Installation included



Are You Ready for the Future?



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Email: nathan@leaseflorida.com

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CARE
FACILITY MANAGEMENT SERVICES