



Charger Catalog 2023

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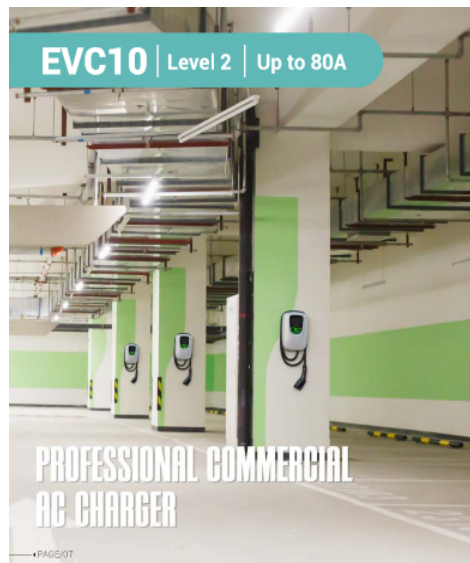
W: <https://uscharger.com/>

Wholesale OEM MDU EV Chargers



HOME EV CHARGERS

COMMERCIAL EV CHARGERS



EVC10 | Level 2 | Up to 80A



ISO15118 (Plug & Charge) for better charging experience

CTEP certification ensures metering accuracy and transparency

Cyber Security solution to protect the EVSE from hacking

PROFESSIONAL COMMERCIAL AC CHARGER

Model No.	EVC10/16AC	EVC10/32AC	EVC10/40AC	EVC10/48AC	EVC10/70AC	EVC10/80AC
Voltage	208-240Vac					
Amperage/Power	16A/3.8KW	32A/7.6KW	40A/9.6KW	48A/11.5KW	70A/16.8KW	80A/19.2KW
AC Power Frequency	50-60Hz					
Display	4.3" LCD					
User Authentication	RFID ISO14443					
Connectivity	LAN standard, 4G or Wi-Fi optional OCPP1.6J / Upgradable to OCPP2.0.1					
Operating Temperature	-22°F to 122°F					
IP Level	Type3					
IK Rating	IK08					
Cable Length	18ft (25ft optional)					
Net Weight	13.8lbs	13.8lbs	16.8lbs	18.1lbs	19.8lbs	19.8lbs
Gross Weight	16.1lbs	16.1lbs	19.0lbs	20.3lbs	22.5lbs	22.5lbs
Product Dimensions	13.8" x 9.8" x 5.1"					
Package Dimensions	19.6" x 13.7" x 10.7"				19.6" x 13.7" x 12.4"	



EVC11 | Level 2 | Up to 80A



HIGH RELIABILITY & DURABILITY

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.	EVC11/16AC	EVC11/32AC	EVC11/40AC	EVC11/48AC	EVC11/70AC	EVC11/80AC
Voltage	208-240Vac					
Amperage/Power	16A/3.8KW	32A/7.6KW	40A/9.6KW	48A/11.5KW	70A/16.8KW	80A/19.2KW
AC Power Frequency	50-60Hz					
User Authentication	RFID ISO14443					
Connectivity	LAN standard, 4G or Wi-Fi optional OCPP1.6J / Upgradable to OCPP2.0.1					
Operating Temperature	-22°F to 122°F					
IP Level	Type3					
IK Rating	IK08					
Cable Length	18ft (25ft optional)					
Net Weight	12.1lbs	12.1lbs	14.6lbs	15.7lbs	17.2lbs	17.2lbs
Gross Weight	14.6lbs	14.6lbs	17.0lbs	18.1lbs	19.6lbs	19.6lbs
Product Dimensions	14.2" x 9.8" x 3.9"					
Package Dimensions	19.6" x 13.7" x 9.3"				19.6" x 13.7" x 10.5"	

EVC12 | Level 2 | Up to 80A

FAST & EFFECTIVE

OCPP 1.6J full function, OCPP 2.0.1 updatable

ISO15118 (Plug & Charge) for better charging experience

Dynamically balance energy to reducing electricity costs



Model No.	EVC12/16AC	EVC12/32AC	EVC12/40AC	EVC12/48AC	EVC12/70AC	EVC12/80AC
Voltage	208-240Vac					
Amperage/Power	16A/3.8KW	32A/7.6KW	40A/9.6KW	48A/11.5KW	70A/16.8KW	80A/19.2KW
AC Power Frequency	50-60Hz					
User Authentication	RFID ISO14443					
Connectivity	LAN standard, 4G or Wi-Fi optional OCPP1.6J / Upgradable to OCPP2.0.1					
Operating Temperature	-22°F to 122°F					
IP Level	Type3					
IK Rating	IK08					
Cable Length	18ft (25ft optional)					
Net Weight	12.1lbs	12.1lbs	14.6lbs	15.7lbs	17.2lbs	17.2lbs
Gross Weight	14.6lbs	14.6lbs	17.0lbs	18.1lbs	19.6lbs	19.6lbs
Product Dimensions	14.2" x 9.8" x 3.9"					
Package Dimensions	19.6" x 13.7" x 9.3"				19.6" x 13.7" x 10.5"	



EVC D1 | Level 2 | Up to 2*48A



**POWERFUL
COMMERCIAL
AC CHARGER**

Tailored for commercial deployment

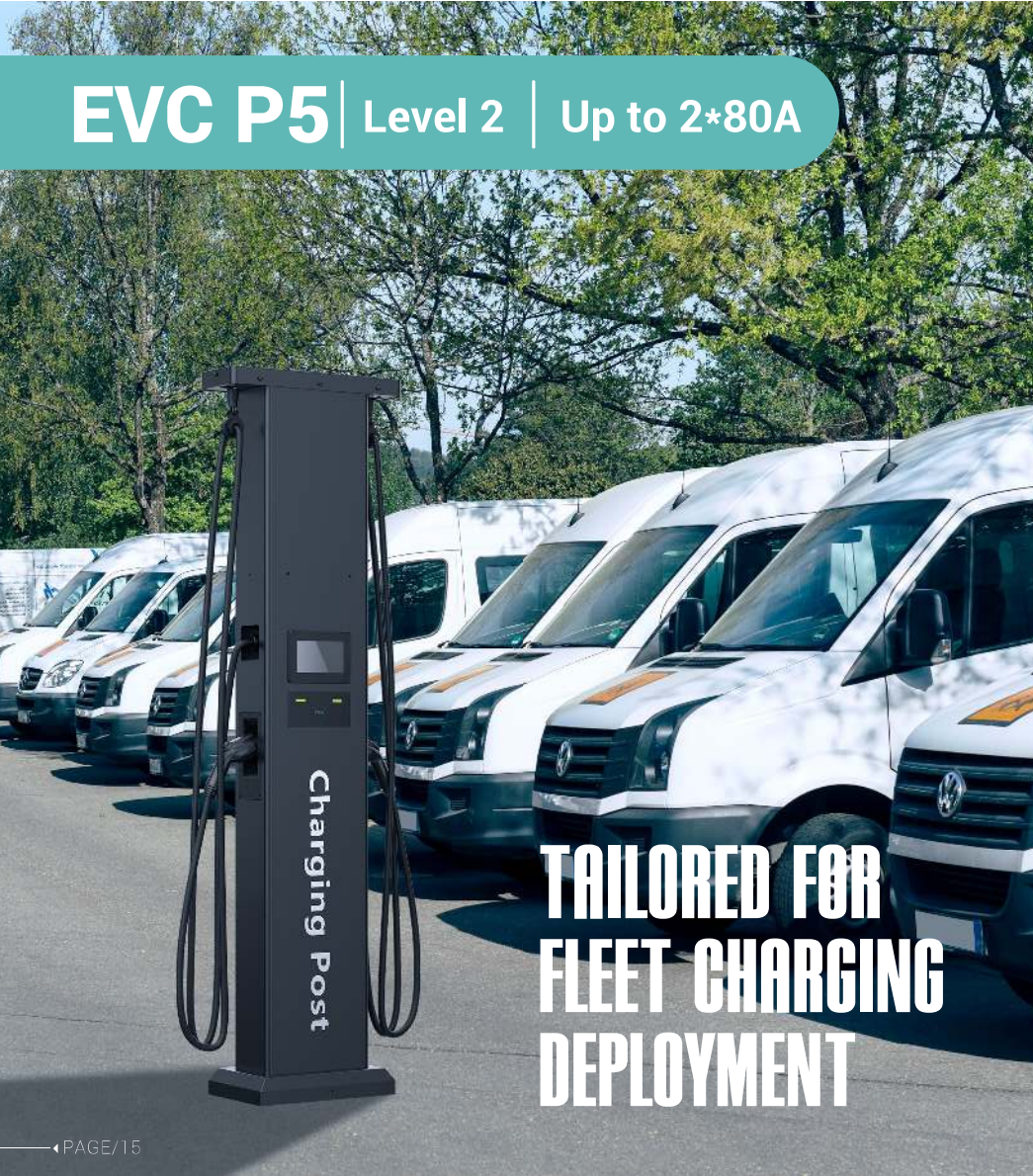
Wall-mounted and integration design for easy installation

Reduce the investment of power capacity to enjoy fast ROI



Model No.	EVCD1/64AC	
Voltage	208-240Vac	
Amperage/Power	32A+32A/7.6KW+7.6KW	48A+48A/11.5KW+11.5KW
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	
IK Rating	IK08	
Cable Length	18ft (25ft 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"	

EVC P5 | Level 2 | Up to 2*80A



TAILORED FOR
FLEET CHARGING
DEPLOYMENT

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.	EVC P5
Voltage	208-240Vac
Amperage/Power	80A+80A/19.2KW+19.2KW
AC Power Frequency	50-60Hz
Display	7" touch LCD
User Authentication	RFID ISO14443
Connectivity	LAN standard, 4G or Wi-Fi optional OCPP1.6J / Upgradable to OCPP2.0.1
Operating Temperature	-22°F to 122°F
IP Level	Type3
IK 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 26.0"x 11.1"/Bottom: 64.2"x 21.0"x 15.3

EVC15 | Level 2 | Up to 48A

COMPACT DESIGN FOR HOME

Mini-size, just bigger than the phone

ENERGY STAR® certified means you use less energy and money

Total control via app even from the sofa



Model No.	EVC15/16AC	EVC15/32AC	EVC15/40AC	EVC15/48AC
Voltage	208-240Vac			
Amperage/Power	16A/3.8KW	32A/7.6KW	40A/9.6KW	48A/11.5KW
AC Power Frequency	50-60Hz			
User Authentication	RFID ISO14443			
Connectivity	LAN standard / Wi-Fi / BT Smart-charging (OCPP) or APP control			
Operating Temperature	-22°F to 122°F			
IP Level	Type3			
IK Rating	IK08			
Cable Length	18ft (25ft optional)			
Net Weight	9lbs	9lbs	11.5lbs	12.3lbs
Gross Weight	11.7lbs	11.7lbs	14.1lbs	14.9lbs
Product Dimensions	7.1" x 7.1" x 3.7"			
Package Dimensions	12" x 16.4" x 10.6"			

EVC27 | Level 2 | Up to 48A



Highest flexibility: stationary and mobile usable

Total control via app even from the sofa

Different charging modes for cost-effective charging



ENERGY SAVING & A GREEN FUTURE

Model No.	EVC27/16AC	EVC27/32AC	EVC27/40AC	EVC27/48AC
Voltage	208-240Vac			
Amperage/Power	16A/3.8KW	32A/7.6KW	40A/9.6KW	48A/11.5KW
AC Power Frequency	50-60Hz			
User Authentication	RFID ISO14443			
Connectivity	LAN standard / Wi-Fi / BT Smart-charging (OCPP) or APP control			
Operating Temperature	-22°F to 122°F			
IP Level	Type3			
IK Rating	IK08			
Cable Length	18ft (25ft optional)			
Net Weight	9.5lbs	9.5lbs	12.0lbs	13.1lbs
Gross Weight	12.0lbs	12.0lbs	14.4lbs	15.5lbs
Product Dimensions	8.6" x 8.6" x 3.7"			
Package Dimensions	12" x 16.4" x 10.6"			

EVD100 | DCFC | 30KW



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/L1, L2, L3, N, PE
	Voltage	200-480Vac
	Max. Input Amperage	40A
	Frequency	50~60Hz
	Power factor	PF≥0.98@Rated load
	Efficiency	94%
DC Output	Maxi Power	30KW
	Voltage Operating Range	200-1000V
	Max. Amperage	30A@1000Vdc
	Charging Outlet	CCS1 with 18ft cable
Display		7" touch LCD
User Authentication		RFID ISO14443 A/B
EV Communication		DIN 70121/ ISO15118
Connectivity		LAN, Wi-Fi, 4G
		OCPP1.6J
Operating Temperature		-22°F to 122°F
IP Level		NEMA 3R
Cooling		Forced Air
Operating noise level		≤65dB
Altitude		≤6561ft
Product Dimensions		440*710*305mm
Package Dimensions		1000*600*520mm



EVD100 | DCFC | 180KW

High power efficiency: > 96%

Smart power sharing

200-1000V of wide range to charge various EVs

Model No.		EVD100/60	EVD100/90	EVD100/120	EVD100/150	EVD100/180
AC Input	Number of Phase / Wire	3ph/L1, L2, L3, N, PE				
	Voltage	200-480Vac				
	Max. Input Amperage	100A	135A	180A	226A	270A
	Frequency	50~60Hz				
	Power factor	PF≥0.98@Rated load				
	Efficiency	96%				
DC Output	Maxi Power	60KW	90KW	120KW	150KW	180KW
	Voltage Operating Range	200-1000V				
	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		DIN 70121/ ISO15118				
Connectivity		LAN, Wi-Fi, 4G				
		OCPP1.6J				
Operating Temperature		IP54				
IP Level		NEMA 3R				
Cooling		Forced Air				
Operating noise level		≤65dB				
Altitude		≤2000M				
Product Dimensions		820*780*1781mm				
Package Dimensions		1070*800*2000mm				



OCPP 1.6/2.0.1

OCPP1.6J has been successfully integrated with more than 50 global CPO platforms.

OCPP 2.0.1 will be available in Q2, 2023, which supports more advanced features like dynamic load management which allows the charging station to adjust the charging rate based on the available power capacity, and it also supports bidirectional power flow, and improved security features and is generally seen as a more robust and scalable protocol.



HOME APP CONTROL

- Connect via Wifi or Bluetooth
- Remote start or stop charging
- Schedule your charging time
- Adjust the output from 48A to 6A
- Dynamic load balance setting
- View charging history and power consumption
- Restart button
- Over The Air



S-Charge



GET IT ON
Google Play



Download on the
App Store



CYBER SECURITY

There is a dramatic increase in the quantity of EVs and EVSE. EVSE cyber security attacks may impact many critical infrastructure sectors (e. g., transportation systems, energy, emergency services etc.)

Joint provides cyber security hardware and firmware with function of authentication, identity and confidentiality.



ISO/IEC15118 - TUV Certified

- Provides a secure bi-directional communication link between EV and EVSE, which is adopted by a number of automakers.
- Allows for features such as vehicle authentication, charging session initiation, and payment processing to be automated.
- Enables features of demand response and load management, which allows charging stations to communicate with the grid to ensure efficient use of available power.



DYNAMIC LOAD BALANCING

Zero investment on upgrading electrical capacity to fulfill EV charging needs, saving money and time.

Fully utilize the ready electrical power of the house not in use.

Manage and dynamically adjust the charging load for EV point in a smart and congruous way.



No Need
Electricity Upgrade

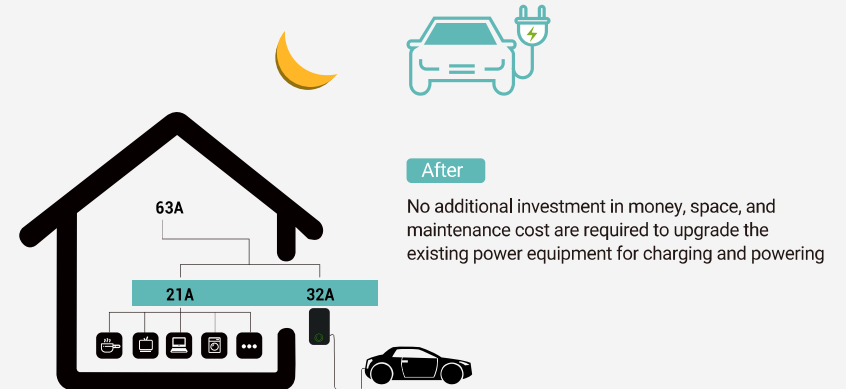
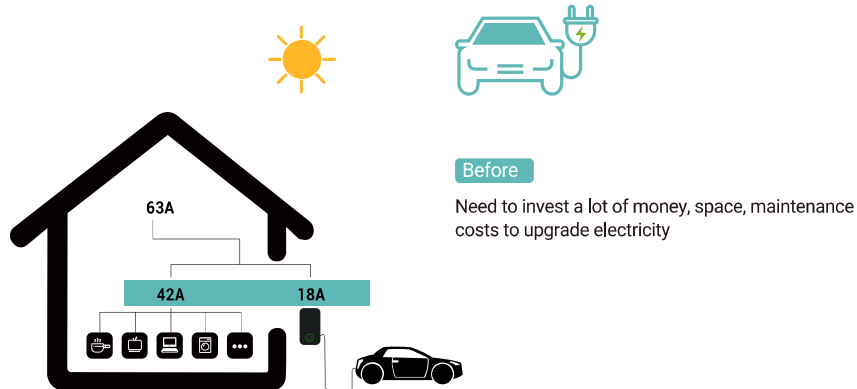


Save On Installation
Costs & Time



Idle Electricity

DYNAMIC LOAD BALANCING



CASE STUDY

60,000+ chargers were sold to 35+ countries like United States, Canada, Europe, Australia, South America etc.

