

# zeconex



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# ABOUT US



**Zeconex** is the leading manufacturer of electric vehicle charging systems in the global market, headquartered in Shenzhen, China.

Our product portfolio consists of Portable Charger, AC Charger, DC Charger, Power Module and Cloud Management System and Mobile APP, all independently developed by ourselves. We exported to more than 30 countries and regions since 2012.



With over thousands of charging systems sold worldwide, Zeconex's DC Fast Chargers and AC Chargers serve Charge Point Operators, Oil & Gas, Convenient Stores, Retail Centers, Fleets and more for charging electric vehicles, heavy duty transit shuttle and school buses, fleets, and other specialty vehicles.



Our top R&D team both in China and abroad, with rich experience in international protocol (OCPP 1.6 above) , which support us to offer OEM/ODM service for our clients all over the world.

**Welcome to be our partners.**



## Why Choose Us



### 10+ years Expert

More than 10+ years Leading Manufacture in EV Charging Industry.



### Quality Control

Zeconex only focus on the best quality ev charging products to make sure our business partners relieved and long time working with us.



### Production Capacity

We own and share 3 factories more than 300 employees and over 20,000 square meters area,each factory focus on different products line.



### Strong R&D

We keep on innovation and products developing all days to meet the edge-leading demand of the market. We are good at learning from your suggestion to make the most perfect product.



### Lead Time

We have the ability to do large material stock for our standards products to ensure your fast lead time request.



### OEM/ODM Customization

Our top R&D team both in China and abroad, with rich experience in international protoco, which support us to offer OEM/ODM service for our clients all over the world.

## Production Center

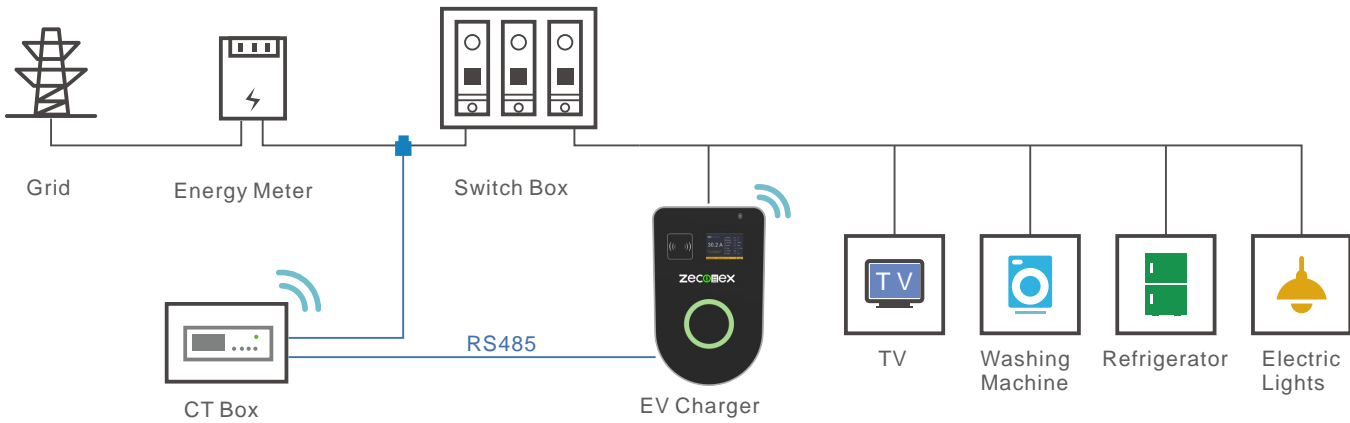


# Our solutions for home use

## Dynamic Load Balance

Dynamic Load Balance is a smart charging feature which balances the distribution of the total available power between chargers and other loads within the building in real time. It not only protects appliances, but also ensures EVs are fully charged at the lowest cost.

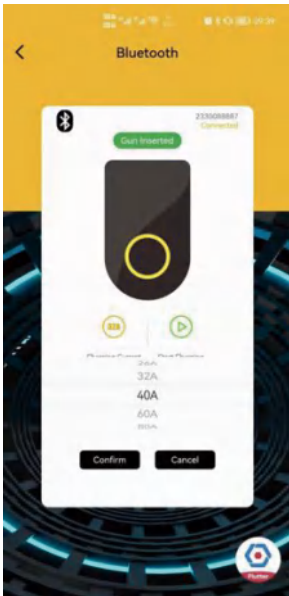
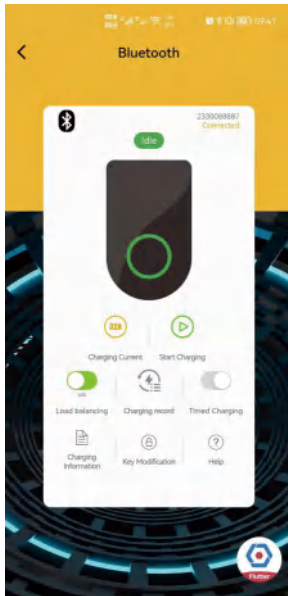
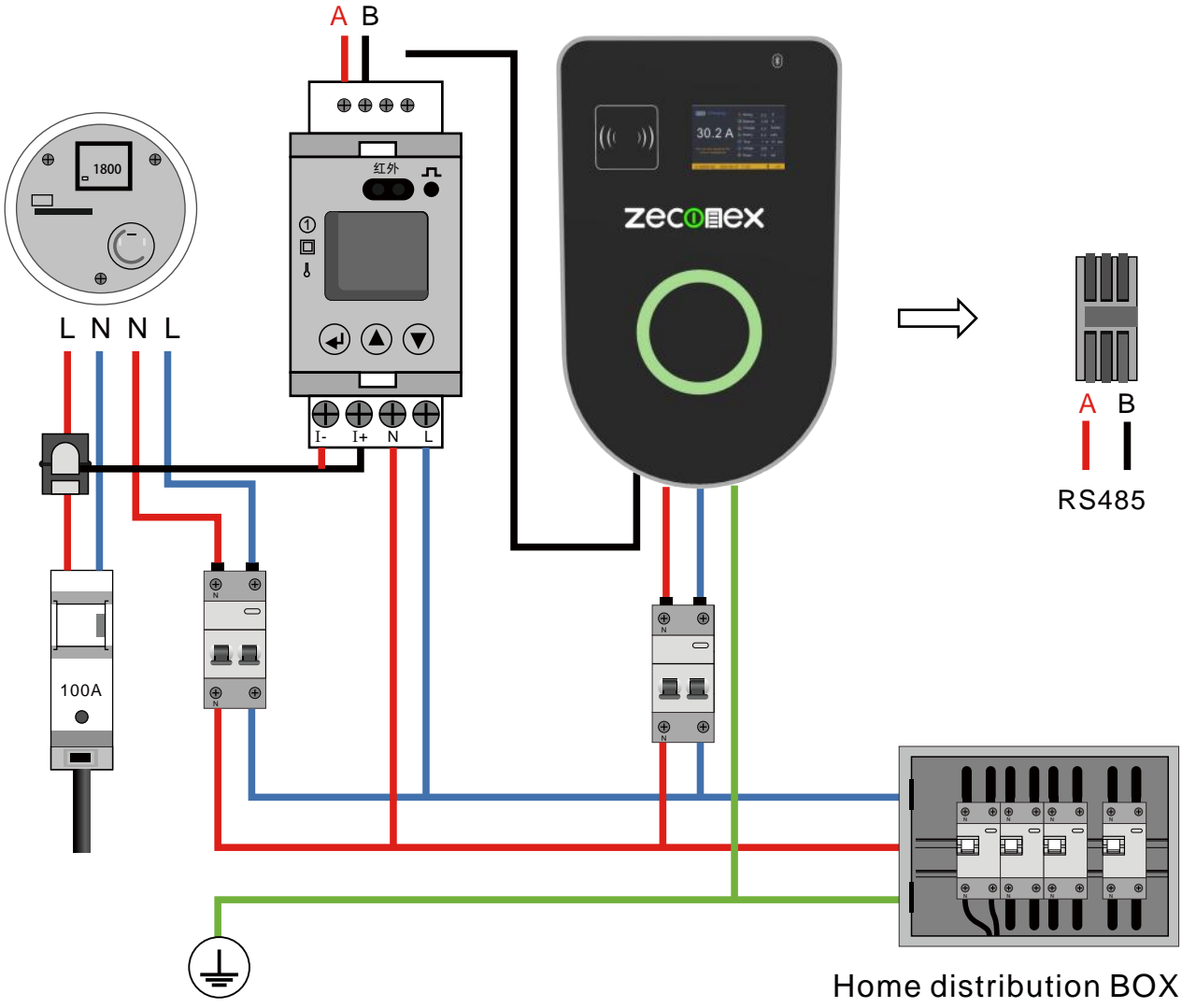
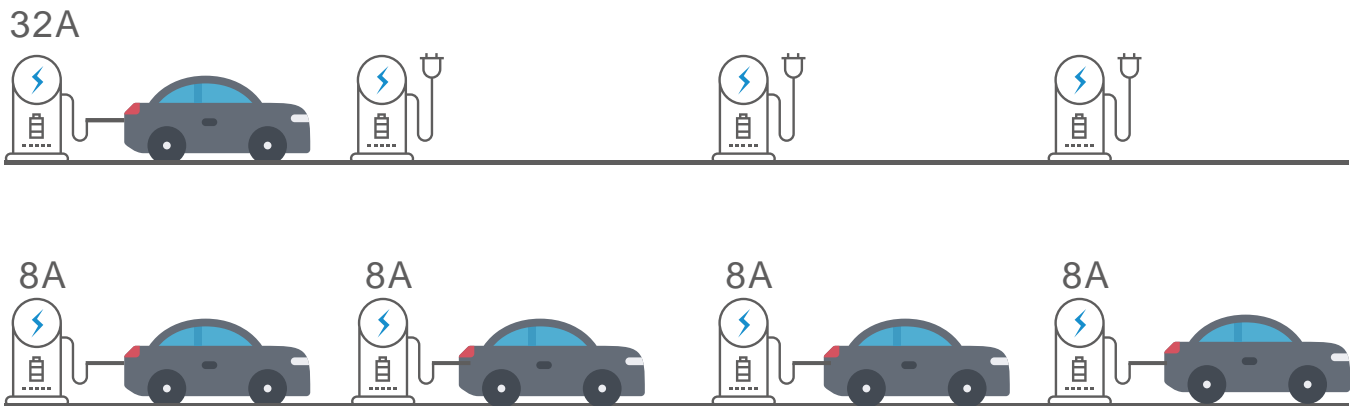
CT box monitors the total energy consumption and reports to the management system. The system controls the charging power of each individual charger automatically to avoid overloading when chargers and other loads are being used simultaneously.



## Static Load Balance

Static Load Balance is a smart charging feature which balances the distribution of the total available power for multiple chargers at a specific location. It enables you to set a maximum power for multiple chargers in the management system and distribute the charging power evenly between the individual active chargers.

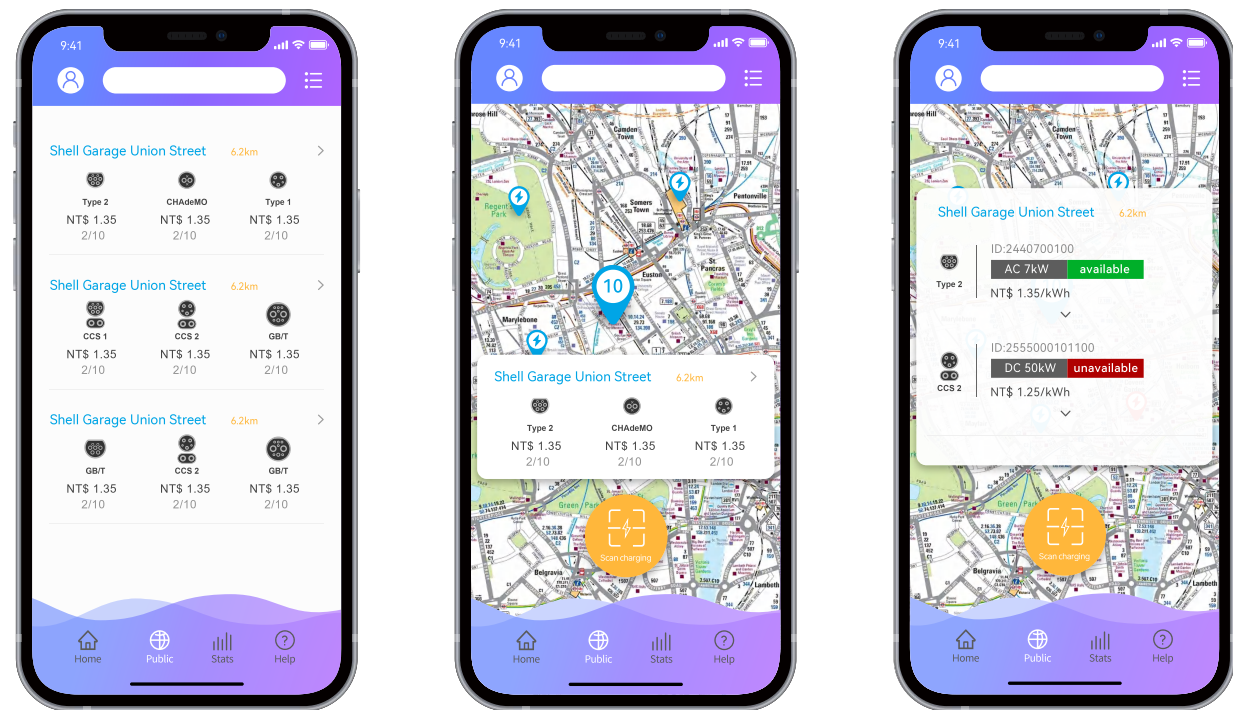
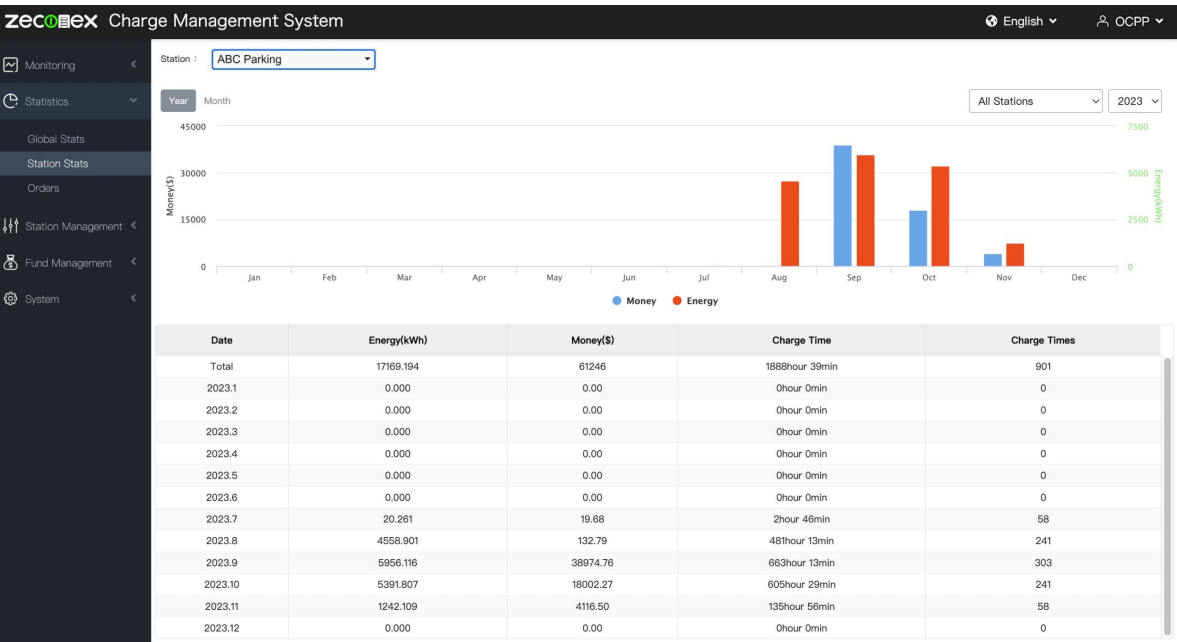
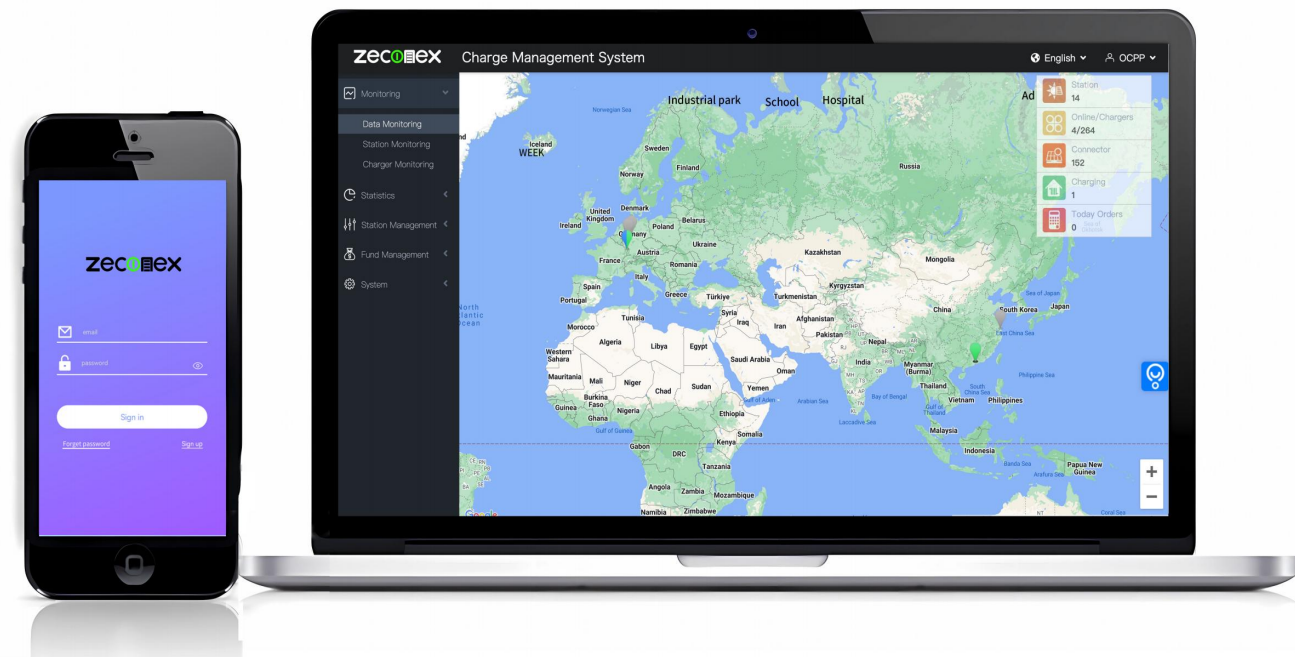
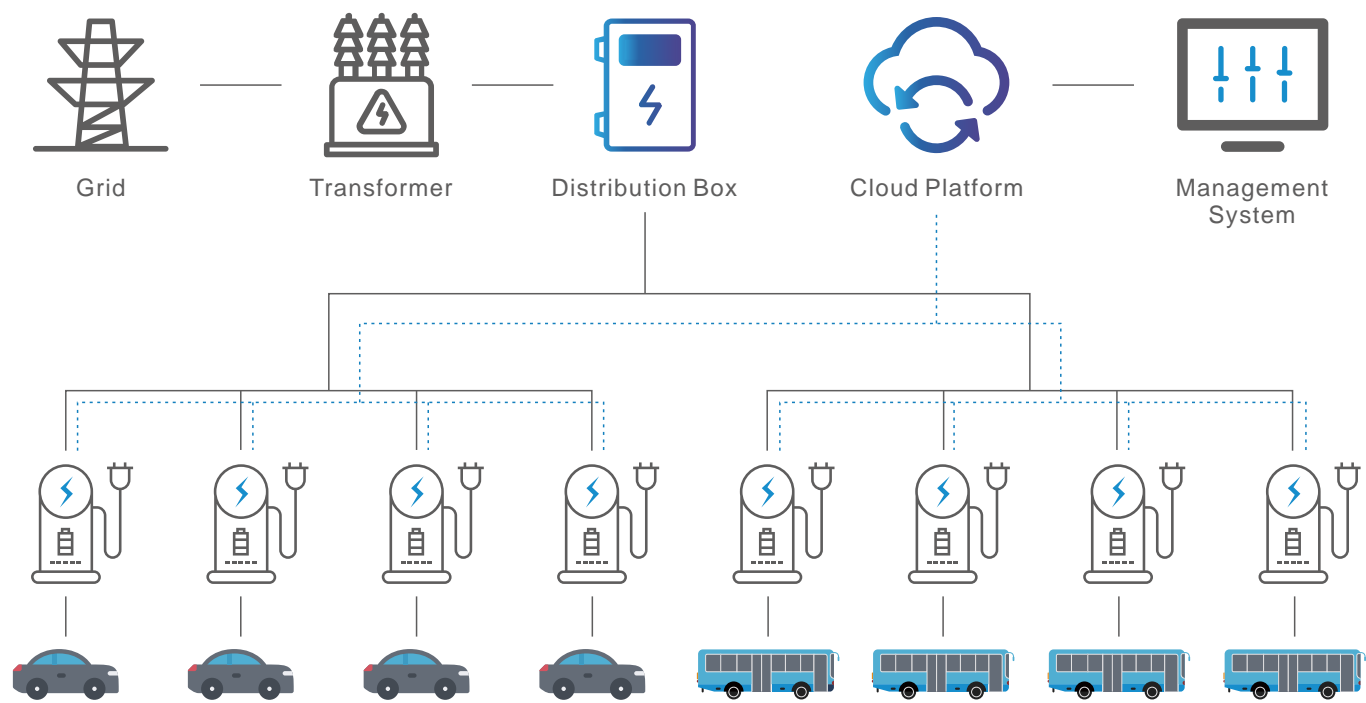
Load balance helps you to protect the local grid within the capacity limit in peak hours of electricity consumption. EVs can charge with maximum power when possible, but the charging power will drop as more EVs begin to be charged simultaneously. For example, the parking lot has a maximum of 32A available. When the first EV charges, it charges at 32A – the maximum capacity. When more EVs start charging, the charging capacity will be distributed evenly over the EVs





# Our solutions for public

We provide everything that's needed to build a charging business, from charging facilities to customer services and smart energy management solutions. You can either manage your own network of charging stations or provide the service for other charger operators. All solutions are white-labelled and can be customized to meet your customers' needs





Project Cases





# Portable AC charger 3.5KW-7KW

### Secure and Safe

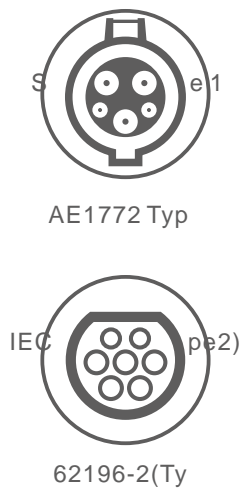
Type A+DC 6mA leakage protection  
Over temperature protection  
High protection grade up to IP65

### Friendly Interface

OLED Display  
Current can 8A,10A,13A,16A,20A,32A,adjustable

### High compatibility

Fully compatible with all ev in the market



Schuko Plug



NEMA6-20P Plug



NEMA Plug



Blue CEE

Model	ZECO035K-P035	ZECO7K-P7
Technical features		
Charging capacity	Up to 3.5KW	Up to 7KW
Input/Output power	230VAC±20%, 50/60Hz, 8A-10A-13A-16A adjustable, 1-phase	230VAC±20%, 50/60Hz, 8A-16A-20A-32A adjustable, 1-phase
RCD	30Ma RCD Type A and DC 6Ma RCD function	
Standby power	<2W	
Measuring accuracy	1%	
User interface	LED , OLED , Select button	
Certificate/Compliance	CE/IEC61851-1,IEC61851-22,SAEJ1772	
Charging Interface	5Mccable,Type2 Plug	
Power Cord Plug	Schuko/NEMA6-20P	NEMA14-50/Blue CEE
Physical properties		
Protection	IP65,IK10,	
Special Protection	Temperature sensor and plug a dapter	
Cooling	Natural cooling	
Operating temperature	-30°Cto+55°C	
Humidity	Max.95%(non-regulating)	
Product Dimensions	210*88*50(L*W*H)mm	
Package Dimension	350*320*60(L*W*H)mm	
Net Weight	2.02Kg	2.5Kg
Gross Weight	2.25Kg	2.7Kg



# Home EV Wallbox 14KW-44KW

## Highly Efficient Fast Charging

Offers charging capacities from 14KW to 44KW to meet the rapid charging needs of different vehicles.

## Safety Protection System

Equipped with multiple safety protection mechanisms, including overcurrent protection, residual current protection, grounding protection, surge protection, over/under voltage protection, over/under frequency protection, and over/under temperature protection, ensuring a safe and worry-free charging process.

## Intelligent Interconnection

Supports OCPP1.6 Json protocol (OCPP2.0 optional) and can communicate via WIFI, Ethernet or 4G (optional) for remote monitoring and management. Meanwhile, it is equipped with color touch screen LCD and RFID (mifare iso& IEC 14443A) user interface, which is easy and intuitive to operate.



Model	ZECO14K-H1	ZECO22K-H2	ZECO44K-H3
Technical features			
Charging capacity	Up to 14KW(7KW*2)	Up to 22KW(11KW*2)	Up to 44KW(22KW*2)
Input/Output power	230VAC±20%-50/60Hz-32A*2-1phase	400VAC±20%-50/60Hz-16A*2-3phase	400VAC±20%-50/60Hz-32A*2-3phase
RCD	RCMU(DC 6ma)or Type B(optional)		
Standby power	<5W		
Measuring accuracy	1%		
Energy Meter	Inside PCBA		
OCPP	OCPP1.6 Json(OCPP2.0 optional)		
Communication	WIFI /Ethernet/4G(Optional)		
User interface	Color touch LCD(4.3)/ RFID(mifare iso& IEC 14443A)		
Input plug	NEMA 14-15(Optional)		
Certificate/compliance	CE/ENIEC61851-1:2019/IEC62955:2018/EC61008-1:2010/EN IEC 62311:2020/EN50665:2017EN 50364:2018/EN301489-1V2.2.3/EN301489-3 V2.1.1/EN 301489-17 V3.2.4/ENIEC61851-21-2:2021/ENIEC61000-3-11:2019/EN 61000-3-12:2011		
Charging Interface	Type 2 socket/ 5M Cable		
Special Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
Physical properties			
Warranty	2 years		
Protection	IP65, IK10		
Enclosure	Galvanized steel		
Front Panel	Temper glass		
Installation	Wallbox		
Cooling	Natural cooling		
Operating temperature	-30 C to +55 C		
Humidity	Max.95%(non-regulating)		
Product Dimensions	585*385*205(L*W*H)mm		
Package Dimension	605*405*225(L*W*H)mm		
Net Weight	7Kg	7Kg	7Kg
Gross Weight	8Kg	8Kg	8Kg

# Home EV Wallbox 7KW-22KW

## Secure and Safe

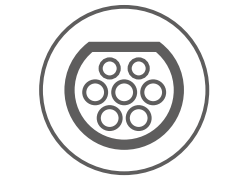
The best charging station for home and private use  
Type A+DC 6mA leakage protection

## Simple and intelligent

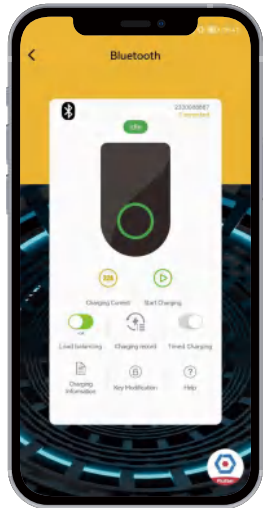
Home use app with intelligent bluetooth control the wallbox  
Dynamic Load Balance

## Flexible Option

Type 1 or Type 2 charging cable  
Wall-mount or floor-stand installation



IEC62196-2 (Type 2)



Model	ZECO7K-Y1	ZECO11K-Y2	ZECO22K-Y3
Technical features			
Charging capacity	Up to 7KW	Up to 11 KW	Up to 22KW
Input/Output power	230VAC±20%-50/60Hz-32A-1phase	400VAC±20%-50/60Hz-16A-3phase	400VAC±20%-50/60Hz-32A-3phase
RCD	30Ma RCD Type A and DC 6Ma RCD function		
Standby power	<3W		
Measuring accuracy	1%		
Communication	Bluetooth/WIFI(Optional) APP		
Load balancing	CT+Meter (Optional))		
PEN Protection	Optional		
User interface	LED/LCD(3.5")/ RFID(mifare iso& IEC 14443A)		
Certificate/Compliance	CE / EN/IEC 61851-1:2017, EN/IEC 61851-21-2:2018		
Charging Interface	Type 2 cable 5M	Type 2 cable 5M	Type 2 cable 5M
Special Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
Physical properties			
Warranty	2 years		
Protection	IP54, IK10,		
Enclosure	Plastic PC940/ Galvanized steel		
Front Panel	Temper glass		
Installation	Wall-mount/Pole-mount		
Cooling	Natural cooling		
Operating temperature	-30℃ to +55℃		
Humidity	Max.95%(non-regulating)		
Product Dimensions	320*230*100(L*W*H)mm		
Package Dimension	465*325*270(L*W*H)mm		
Net Weight	5.1kg	5.5Kg	5.5Kg
Gross Weight	5.8kg	6.2Kg	6.5Kg



# Commercial EV Wallbox 7KW-22KW

## Safe and Fast

OCPP(1.6 above)communication protocol with CMS  
Wireless communication Wi-Fi/Ethernet/4G optional

## Simple and intelligent

MID certified energy meter with accurate measurement  
Type A+DC 6mA leakage protection

## Flexible Option

Universal Type 2 socket, optional with Type 1/Type 2 charging cable  
Wall-mount or floor-stand installation



Model	ZECO7K-S1	ZECO11K-S2	ZECO22K-S3
Technical features			
Charging capacity	Up to 7KW	Up to 11 KW	Up to 22KW
Input/Output power	230VAC±20%-50/60Hz-32A-1phase	400VAC±20%-50/60Hz-16A-3phase	400VAC±20%-50/60Hz-32A-3phase
RCD	30Ma RCD Type A and DC 6Ma RCD function or Type B(optional)		
Standby power	<3W		
Measuring accuracy	1%		
Energy Meter	MID certified		
OCPP	OCPP1.6 Json(OCPP2.0 optional)		
Communication	WIFI / Ethernet / 4G(Optional)		
User interface	LED / LCD(3.5") / RFID(mifare iso& IEC 14443A)		
Certificate/Compliance	CE / EN/IEC 61851-1:2017, EN/IEC 61851-21-2:2018		
Charging Interface	Type 2 socket / 5M Cable		
Special Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
Physical properties			
Warranty	2 years		
Protection	IP54, IK10,		
Enclosure	Plastic PC940/ Galvanized steel		
Front Panel	Temper glass		
Installation	Wall-mount/Pole-mount		
Cooling	Natural cooling		
Operating temperature	-30°C to +55°C		
Humidity	Max.95%(non-regulating)		
Product Dimensions	320*230*100(L*W*H)mm		
Package Dimension	465*325*270(L*W*H)mm		
Net Weight	5.1Kg	5.5Kg	5.5Kg
Gross Weight	5.8Kg	6.2Kg	6.5Kg

# Commercial AC charger 7KW-22KW

### Safe and Fast

OCPP(1.6 above) communication protocol with CMS  
Wireless communication Bluetooth/Wi-Fi/Ethernet/4G optional

### Simple and intelligent

MID certified energy meter with accurate measurement  
Type A+DC 6mA leakage protection  
Support IP65 waterproof level

### Flexible Option

Home and Public,cable and socket,Type 2 and Lever 2



Model	ZECO7K-P1	ZECO11K-P2	ZECO22K-P3
Technical features			
Charging capacity	Up to 7KW	Up to 11 KW	Up to 22KW
Input/Output power	240VAC±20%-50/60Hz-32A-1phase	400VAC±20%-50/60Hz-16A-3phase 240VAC±20%-50/60Hz-40A-1phase (optional)	400VAC±20%-50/60Hz-32A-3phase 240VAC±20%-50/60Hz-40A-1phase (optional)
RCD	30Ma RCD Type A and DC 6Ma RCD function or Type B(optional)		
Standby power	<3W		
Measuring accuracy	1%		
Energy Meter	MID certified		
Load balancing	CT+Meter(Optional)		
PEN Protection	Optional		
OCPP	OCPP1.6 Json(OCPP2.0 optional)		
Communication	Bluetooth/WIFI/Ethernet/4G(Optional)		
User interface	LED / LCD(3.5") / RFID(mifare iso& IEC 14443A)		
Input Plug	NEMA 14-50(Optional)		
Certificate/Compliance	CE / EN/IEC 61851-1:2019, EN/IEC 61851-21-2:2018/ NEC 625, SAE J1772, UL 817, UL 991, UL 2231, UL 225, and UL 2594.		
Charging Interface	Type 2 socket/ 5M Cable SAE J1772 32A 5M (optional)	Type 2 socket/ 5M Cable SAE J1772 40A 5M (optional)	Type 2 socket/ 5M Cable SAE J1772 48A 5M (optional)
Special Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
Physical properties			
Warranty	2 years		
Protection	IP65, IK10,		
Enclosure	Plastic PC940/ Galvanized steel		
Front Panel	Temper glass		
Installation	Wall-mount/Pole-mount		
Cooling	Natural cooling		
Operating temperature	-30°C to +55°C		
Humidity	Max.95%(non-regulating)		
Product Dimensions	320*230*100(L*W*H)mm		
Package Dimension	465*325*270(L*W*H)mm		
Net Weight	5.5Kg	5.8Kg	6.1Kg
Gross Weight	6.2Kg	6.5Kg	6.8Kg



# Commercial EV Wallbox 14KW-44KW

## Innovativeness

One charger with two output sockets  
Business use with intelligent App control  
Vandal resistant and anti-corrosion

## Intelligent Control

Ethernet/4G/Wi-Fi communication all supported  
OCPP communication protocol with CMS      ent  
Intelligent operation by App and cashless payment

## Flexible Option

App operation or RFID authentication or plug and play  
Customization with different color painting



Credit card payments  
(Optional)



Model	ZECO14K-T1	ZECO22K-T2	ZECO44K-T3
Technical features			
Charging capacity	Up to 14KW(7KW*2)	Up to 22KW(11KW*2)	Up to 44KW(22KW*2)
Input/Output power	230VAC±20%-50/60Hz-32A*2-1phase	400VAC±20%-50/60Hz-16A*2-3phase	400VAC±20%-50/60Hz-32A*2-3phase
RCD	RCMU(Type A+ DC 6mA)/ Type B RCCB(Optional).		
Standby power	<5W		
Measuring accuracy	1%		
Energy Meter	MID certified		
OCPP	OCPP1.6 Json(OCPP2.0 optional)		
Communication	WIFI/Ethernet/4G(Optional)		
User interface	LCD 5 inch Touch Screen/ RFID(mifare iso& IEC 14443A)		
Certificate/Compliance	CE/FCC/ROHS/REACH/IEC/EN 61851-1 , IEC/EN61851-21-2, IEC/EN 62955, EN300328, EN 301489-1/-17,EN62479.		
Charging Interface	Type 2 socket*2 or Type 2 Gun *2 5M		
Special Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
Physical properties			
Warranty	2 years		
Protection	IP65, IK10,		
Enclosure	Galvanized steel		
Front Panel	Temper glass		
Installation	Wall-mount/Pole-mount.		
Cooling	Natural cooling		
Operating temperature	-30℃ to +55℃		
Humidity	Max.95%(non-regulating)		
Product Dimensions	503*334*155(L*W*H)mm		
Package Dimension	610*415*250(L*W*H)mm		
Net Weight	13.5Kg	13.5Kg	13.5Kg
Gross Weight	15Kg	15Kg	15Kg



# Commercial AC charger 14KW-44KW

### Safe and Fast

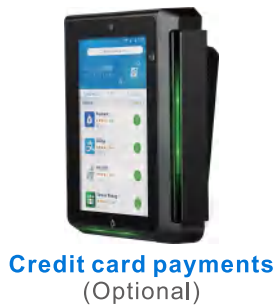
One charger with two output sockets  
Business use with intelligent App control  
Vandal resistant and anti-corrosion

### Simple and intelligent

Ethernet/4G/Wi-Fi communication all supported  
OCPP communication protocol with CMS  
Intelligent operation by App and cashless payment

### Flexible Option

App operation or RFID authentication or plug and play  
Customization with different color painting



Model	ZECO14K-BK1	ZECO22K-BK2	ZECO44K-BK3
Technical features			
Charging capacity	Up to 14KW(7KW*2)	Up to 22KW(11KW*2)	Up to 44KW(22KW*2)
Input/Output power	230VAC±20%-50/60Hz-32A*2-1phase	400VAC±20%-50/60Hz-16A*2-3phase	400VAC±20%-50/60Hz-32A*2-3phase
RCD	30Ma RCD Type A and DC 6Ma RCD function or Type B(optional)		
Standby power	<5W		
Measuring accuracy	1%		
Energy Meter	MID certified		
OCPP	OCPP1.6 Json(OCPP2.0 optional)		
Communication	WIFI/Ethernet/4G(Optional)		
User interface	LED / LCD(3.5'') / RFID(mifare iso& IEC 14443A)		
Certificate/Compliance	CE / EN/IEC 61851-1:2017, EN/IEC 61851-21-2:2018		
Charging Interface	Type 2 socket*2 or Type 2 Gun *2 5M		
Special Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
Physical properties			
Warranty	2 years		
Protection	IP54, IK10,		
Enclosure	Galvanized steel		
Front Panel	Temper glass		
Installation	Floor-stand		
Cooling	Natural cooling		
Operating temperature	-30°C to +55°C		
Humidity	Max.95%(non-regulating)		
Product Dimensions	1200*290*230(L*W*H)mm		
Package Dimension	1320*480*430(L*W*H)mm		
Net Weight	30Kg	33Kg	35Kg
Gross Weight	45Kg	48Kg	50Kg



# Commercial Advertising AC charger 14KW-44KW

### Innovativeness

One charger with two output sockets  
Business use with intelligent App control  
Vandal resistant and anti-corrosion

### Intelligent Control

Ethernet/4G/Wi-Fi communication all supported  
OCPP communication protocol with CMS  
Intelligent operation by App and cashless payment

### Large screen advertising revenue

55"IPS 2500cd/m²  
Remotely update AD content



Credit card payments  
(Optional)



Model	ZECO14K-AD1	ZECO22K-AD2	ZECO44K-AD3
Technical features			
Charging capacity	Up to 14KW(7KW*2)	Up to 22KW(11KW*2)	Up to 44KW(22KW*2)
Input/Output power	230VAC±20%-50/60Hz-32A*2-1phase	400VAC±20%-50/60Hz-16A*2-3phase	400VAC±20%-50/60Hz-32A*2-3phase
RCD	RCMU(Type A+ DC 6mA)/ Type B RCCB(Optional)		
Standby power	<5W		
Measuring accuracy	1%		
Energy Meter	MID certified		
OCPP	OCPP1.6 Json(OCPP2.0 optional)		
Communication	WIFI/Ethernet/4G(Optional)		
User interface	LCD 5 inch Touch Screen/ RFID(mifare iso& IEC 14443A)		
Certificate/Compliance	CE/FCC/ROHS/REACH/IEC/EN 61851-1 , IEC/EN61851-21-2, IEC/EN 62955, EN300328, EN 301489-1/-17,EN62479.		
Charging Interface	Type 2 socket*2 or Type 2 Gun *2 5M		
Special Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
Advertising display			
LCD screen	55"IPS 1920*1080 16:9 HDV 2500cd/m²		
Application platform	Android 4.3 and above		
Communication	WIFI/Ethernet/4G(Optional)		
Ad update	USB flash disk,SD card, wired network remote release		
Physical properties			
Warranty	2 years		
Protection	IP55(outdoor)		
Special Protection	Topple & fall down protection		
Cooling	Natural cooling		
Operating temperature	-20℃ to +55℃		
Humidity	Max.95%(non-regulating)		
Product Dimension	1950*920*290mm(L*W*H)		
Package Dimension	2110*450*1170mm(L*W*H)		
Net Weight	145kg		
GrossWeight.	201Kg		

# Commercial MINI DC charger (Eco-version) 30KW-40KW

## Friendly Interface

4.3-inch touch screen LCD and ring LED offer good user display requirements for charging.

## Simple Control

It is easy to control on and off through the Bluetooth function of the mobile phone APP and RFID function.

## Fast and Safety

CCS2 CCS1 NACS and GB/T, more efficient charging for outdoor installation.

## Wide Application

connect to the global EV charge management platform without additional integration and matching and load balancing



Model	ZECO30K-D1	ZECO40K-D2
Technical features		
Max Power	Up to 30KW	Up to 40KW
Input/Output power	400VAC±10%-50/60Hz-3phase(CCS2 and GB/T)	
Power factor	0.98	
Efficiency	>95%	
Measuring accuracy	Level 0.5	
Output voltage range	CCS2/CCS1/ NACS/GB/T: 150~ 1000VDC	
Output current range	0-100A	0-133A
Communication	ISO15118 / DIN70121(between charger & vehicle)/Ethernet/4G/OCPP 1.6J(TLS1.2)	
User interface	4.3 inch Touch Screen / RFID card and APP	
Versatility	EN/ IEC 61851-1: 2019 , EN/ IEC 61851-23: 2014 , UL 2202 , UI2594	
Energy Meter	CE certified(optional)	
RCD	Type A(optional)	
Security design	Over/ under voltage protection , overload protection , current leakage protection , grounding protection , lightening surge protection	
DC Plugs	Cable 5M	
Load balancing	Load balancing meter and CT(optional)	
Physical properties		
Application place	Indoor / outdoor	
IP Level	IP55	
Installation method	Wall mount , pedestal mount (optional)	
Sound noise	<75DB in all directions	
Operating temperature	-30°C to +50°C	
Humidity	Max .95%(non-regulating)	
Product Dimensions	410*208*620(L*W*H)mm	410*208*620(L*W*H)mm
Package Dimension	930*460*1800( L*W* H )mm	930*460*1800(L*W*H)mm
Net Weight	41Kg	55Kg
Gross Weight	45.3Kg	58.5Kg



# Commercial MINI DC charger 30KW-60KW

30KW-40KW-60KW the best charging station  
For EV fast charger

### Friendly interface

7-inch touch screen LCD and ring LED offer good user display requirements for charging.

### Simple control

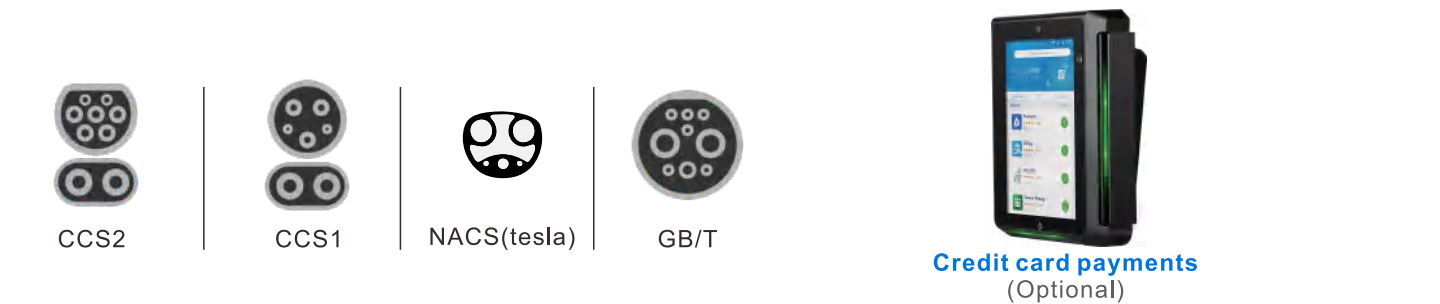
It is easy to control on and off through the Bluetooth function of the mobile phone APP and RFID function.

### Fast and Safety

40KW CCS type 2 plug,more efficient charging  
IP54 protection level for outdoor installation.

### Wide application

Compliant with OCPP 1.6 and above enables it to connect to the global EV charge management platform without additional integration and matching.



Model	ZECO30K-D1	ZECO40K-D2	ZECO60K-D3
<b>Technical features</b>			
Max Power	Up to 30KW	Up to 40KW	Up to 60KW
Input/Output power	400VAC±10%-50/60Hz-3phase	400VAC±10%-50/60Hz-3phase	400VAC±10%-50/60Hz-3phase
Power factor	0.98		
Efficiency	>95%		
Measuring accuracy	Level 0.5		
Output voltage range	CCS: 300~1000VDC		
Output current range	0-100A	0-100A*2	0-200A*2
Communication	Ethernet/WIFI/4G/OCPP 1.6 Json (OCPP 2.0 optional)		
User interface	RFID card and APP		
Display	LCD 7 inch Touch Screen		
Versatility	IEC61851/IEC62196/ISO1511/DIN70121/EN61000-6-4:2007		
Energy Meter	CE certified		
RCD	Type A or Type B(optional)		
Security design	Over/under voltage protection, overload protection, current leakage protection, grounding protection,lightening surge protection		
DC Plugs	CCS2 Cable 5M	CCS2*2 Cable 5M	CCS2*2 Cable 5M
<b>Physical properties</b>			
Warranty	2 years		
Application place	Indoor/Outdoor		
Installation method	Wall mount, pedestal mount (optional)		
Sound noise	<55DB in all directions		
Operating temperature	-20℃ to +50℃		
Humidity	Max.95%(non-regulating)		
Dimensions	670*460*270mm	770*560*206mm	900*650*260mm
Package Dimension	800*590*480mm	1010*720*510mm	1200*920*450mm
Net Weight	41Kg	75Kg	115Kg
Gross Weight	46Kg	78Kg	120Kg

# Commercial MINI DC charger 20KW-30KW

20-30 the best charging station  
For Home EV fast charger

### Friendly interface

5-inch touch screen LCD and ring LED offer good user display requirements for charging. Easy to install by one person

### Simple control

It is easy to control on and off through the Bluetooth function of the mobile phone APP and RFID function.

### Fast and Safety

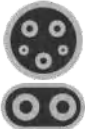
CCS type 2 plug,more efficient charging  
IP54 protection level for outdoor installation

### Wide application

Compliant with OCPP 1.6 and above enables it to connect to the global EV charge management platform without additional integration and matching and load balancing



CCS2



CCS1



NACS(tesla)



GB/T



Credit card payments  
(Optional)



Model	ZECO20K-H1	ZECO30K-H2
Technical Features		
Charging Capacity	Up to 20KW	Up to 30KW
Input / Output Power	400VAC±10%-50/60Hz- 3phase	
Power Factor	0.98	
Efficiency	>95%	
Measuring Accuracy	1%	
Output Voltage Range	CCS: 250~1000VDC	
Output Current Range	0-65A	0-100A
Communication	Ethernet/WIFI/OCPP 1.6 Json /4G (optional)	
User Interface	RFID card and APP	
Display	LCD 5 inch Touch Screen	
Versatility	EN/IEC 61851-1: 2019, EN/IEC 61851-23: 2014	
Security Design	Over/under voltage protection, overload protection, current leakage protection, grounding protection,lightening surge protection	
Load Balancing	Load balancing meter and CT(optional)	
DC Plugs	CCS2/CCS1/NACA/GB/T with 5M Cable	
Physical Properties		
Warranty	2 years	
Protection	IP55 (Outdoor)	
Special Protection	Topple & fall down protection	
Cooling	Natural cooling	
Operating Temperature	-30℃ to +55℃	
Humidity	Max.95% (Non-Regulating)	
Dimensions	2310*1170*650 (L*W*H)	
Net Weight	280Kg	
Gross Weight	321Kg	



# Portable DC charger 30KW-40KW

30-40KW the best charging station  
For EV fast charger

### Friendly interface

7-inch touch screen LCD and ring LED offer good user display requirements for charging.

### Easy to use

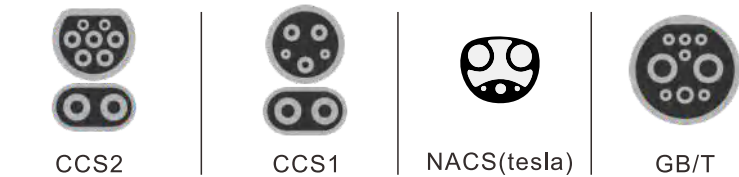
The operation of the mobile charger is straightforward. Its lightweight, easy to move around and charging starts automatically once plugged in by the user.

### Fast and Safety

CCS2 CCS1 NACS and GB/T,more efficient charging  
IP54 protection level for outdoor installation

### Wide application

Compliant with OCPP 1.6 and above enables it to connect to the global EV charge management platform without additional integration and matching and load balancing



Model	ZECO30K-M2		ZECO40K-M4
Technical features			
Max Power	Up to 30KW		Up to 40KW
Input/Output power	400VAC±10%-50/60Hz-3phase(CCS2 and GB/T) 480VAC±10%-50/60Hz-3phase(CCS1+NACS)		
Power factor	0.98		
Efficiency	>95%		
Measuring accuracy	Level 0.5		
Output voltage range	CCS2/CCS1/NACS/GB/T: 150~1000VDC		
Output current range	0-100A	0-133A	
Communication	ISO15118 / DIN70121(between charger & vehicle)/Ethernet/4G/OCPP 1.6J(TLS1.2)		
User interface	LCD 7 inch Touch Screen /RFID card and APP		
Versatility	EN/IEC 61851-1: 2019, EN/IEC 61851-23: 2014 ,UL 2202, UI2594		
Energy Meter	CE certified		
RCD	Type A		
Security design	Over/under voltage protection, overload protection, current leakage protection, grounding protection,lightening surge protection		
DC Plugs	Cable 5M		
Load balancing	Load balancing meter and CT(optional)		
Physical properties			
Warranty	2 years		
Application place	Indoor / outdoor		
Sound noise	<55DB in all directions		
Operating temperature	-20°C to +50°C		
Humidity	Max.95%(non-regulating)		
Product Dimensions	620*410*205(L*W*H)mm	620*410*205(L*W*H)mm	
Package Dimension	1010*720*510(L*W*H)mm	1010*720*510(L*W*H)mm	
Net Weight	41Kg+25Kg	55Kg+25Kg	
Gross Weight	45.3Kg+25Kg	62Kg+25Kg	

# Commercial DC charger 60KW-80KW

### High Efficiency

One charger with two outputs , simultaneously charging  
Two CCS2/CCS1/ NACS/GB/T DC connectors , with  
output up to 80kW constant power from 150-1000V voltage  
less heat with smaller current

### Intelligent Control

Ethernet/4G/ communication all supported  
OCPP1 .6 communication protocol with CMS  
Intelligent operation by App and cashless payment

### Flexible Option

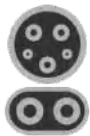
App operation or RFID authentication or plug and play  
High protection grade as IP55  
Optional POS terminal for contactless credit card  
payment

### Secure and Safe

Type A RCD for residual current protection  
PTB certified energy meter with accurate measurement  
ISO 15118/DIN 70121 prepared for advanced feature of  
Plug&Charge



CCS2



CCS1



NACS(tesla)



GB/T



Model	ZECO60K-D1	ZECO80K-D2
Technical features		
Max Power	Up to 60KW	Up to 80KW
Input/Output power	400VAC±10%-50/60Hz-3phase(CCS2 and GB/T )	
Power factor	≥0.98	
Efficiency	≥95%	
Measuring accuracy	Level 0.5	
Output voltage range	CCS2 CCS1 NACS GB/T: 150~ 1000VDC	
Output current range	0-200A	
Communication	ISO15118 / DIN70121(between charger & vehicle) / Ethernet/4G/OCPP 1.6J (TLS1.2 )	
User interface	7 inch Touch Screen / RFID card and APP	
Versatility	EN/ IEC 61851-1: 2019 , EN/ IEC 61851-23: 2014 , UL 2202 , UI2594	
Energy Meter	CE certified(optional)	
RCD	Type A(optional)	
Security design	Over/ under voltage protection , overload protection , current leakage protection , grounding protection , lightening surge protection	
DC Plugs	Cable 5M	
Load balancing	Load balancing meter and CT(optional)	
Physical properties		
Application place	Indoor / outdoor	
IP Level	IP55	
Installation method	Wall mount , pedestal mount (optional)	
Sound noise	<75DB in all directions	
Operating temperature	-30°C to +50°C	
Humidity	Max .95%(non-regulating)	
Product Dimensions	700*240* 1400mm	
Package Dimension	930*460* 1700( L*W* H ) mm	



# Commercial DC charger 120KW

### High Efficiency

One charger with two outputs , simultaneously charging  
Two CCS2/CCS1/ NACS/GB/T DC connectors , with  
output up to 120kW constant power from 150-1000V voltage  
less heat with smaller current

### Intelligent Control

Ethernet/4G/ communication all supported  
OCPP1 .6 communication protocol with CMS  
Intelligent operation by App and cashless payment

### Flexible Option

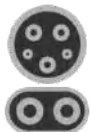
App operation or RFID authentication or plug and play  
High protection grade as IP55  
Optional POS terminal for contactless credit card  
payment

### Secure and Safe

Type A RCD for residual current protection  
PTB certified energy meter with accurate measurement  
ISO 15118/DIN 70121 prepared for advanced feature of  
Plug&Charge



CCS2



CCS1



NACS(tesla)



GB/T



Model	ZECO120K-D3
Technical features	
Max Power	Up to 120KW
Input/Output power	400VAC±10%-50/60Hz-3phase(CCS2 and GB/T )
Power factor	≥0.98
Efficiency	≥95%
Measuring accuracy	Level 0.5
Output voltage range	CCS2 CCS1 NACS GB/T: 150~ 1000VDC
Output current range	0-200A
Communication	ISO15118 / DIN70121(between charger & vehicle) / Ethernet/4G/OCPP 1.6J (TLS1.2 )
User interface	7 inch Touch Screen / RFID card and APP
Versatility	EN/ IEC 61851-1: 2019 , EN/ IEC 61851-23: 2014 , UL 2202 , UI2594
Energy Meter	CE certified(optional)
RCD	Type A(optional)
Security design	Over/ under voltage protection , overload protection , current leakage protection , grounding protection , lightening surge protection
DC Plugs	Cable 5M
Load balancing	Load balancing meter and CT(optional)
Physical properties	
Application place	Indoor / outdoor
IP Level	IP55
Installation method	Wall mount , pedestal mount (optional)
Sound noise	<75DB in all directions
Operating temperature	-30°C to +50°C
Humidity	Max .95%(non-regulating)
Product Dimensions	700*240*1700mm
Package Dimension	930*460*1800( L*W* H ) mm

# Commercial Advertising DC charger

## 60KW-180KW

### Innovativeness

One charger with two output sockets  
Business use with intelligent App control  
Vandal resistant and anti-corrosion

### Intelligent Control

Ethernet/4G/Wi-Fi communication all supported  
OCPP communication protocol with CMS  
Intelligent operation by App and cashless payment

### Large screen advertising revenue

55"HDV 3500cd/m<sup>2</sup>  
Remotely update AD content



Credit card payments  
(Optional)



Model	ZECO60K-AC4	ZECO120K-AD5	ZECO160K-AD6	ZECO180K- AD7
Technical features				
Charging capacity	Up to 60KW	Up to120KW	Up to 160KW	Up to180KW
Input/Output power	400VAC±10%-50/60Hz-3phase(CCS2 and GB/T)/480VAC±10%-50/60Hz-3phase(CCS1)			
Power factor	≥0.98			
Efficiency	>95%			
Measuring accuracy	Level 0.5			
Output voltage range	CCS: 250~1000VDC			
Output current range	0-200A	0-250A		
Communication	ISO15118 / DIN70121(between charger & vehicle) Ethernet/4G/OCPP 1.6J			
User interface	LCD 7 inch Touch Screen /RFID card and APP			
Versatility	EN/IEC 61851-1: 2019, EN/IEC 61851-23: 2014 ,UL 2202, UL2594			
Security design	Over/under voltage protection, overload protection, current leakage protection, grounding protection,lightening surge protection			
DC Plugs	CCS1/CCS2/NACS/GBT Cable 5M *2			
Energy Meter	CE certified or MID (optional)			
Advertising display				
Mainboard	Android based Quad-core			
RAM	2GB			
Storage	8GB, can extend to 32GB			
Video format	MPG,MPG-1,MPG-2,MPG-4,AVI,MP4, TS,MKV,WMV			
Maximum decoding resolution	3480x2160			
Picture format	GIF,JPEG,PNG,BMP			
Audio output	2x10W			
Audio format	MP3,24bit linear PCM7.1			
Other format	PDF/RSS, News/Weather-forecast			
Network	RJ45 interface , Wifi , 4G(Optional)			
The update way for content	Network remote update, U disk update			
Display mode	Landscape/Portrait, Full Screen/Any Split Screen			
Program upgrade	Remote upgrade, remote upgrade			
Timer switch	Support any time period			
Panel parameters	Panel Type	43inch LCD Panel		
	Display area	1209*680mm		
	Display ratio	16:9		
	Backlight type	LED backlight		
	Resolution	3480x2160		
	Display color	16.7M		
	Brightness	2000-cd/m2		
	Contrast	2000:1		
	View angle	178°(H) / 178°(V)		
	Response time	6ms		
	Life time	50000 hours		
Physical properties				
Warranty	2 years			
Protection	IP55(outdoor)			
Special Protection	Topple & fall down protection			
Cooling	Natural cooling			
Operating temperature	-30°C to +55°C			
Humidity	Max.95%(non-regulating)			
Product Dimensions	17500*840*500mm(L*W*H)			
Package Dimension	2310*1170*650mm(L*W*H)			
Net Weight	320Kg			
Gross Weight	361Kg			



# Commercial DC charger 120KW-180KW

120-180KW the best charging station  
For EV fast charger

## High Efficiency

One charger with two outputs, simultaneously charging  
Two CCS2 DC connectors, with output up to 240kW  
Constant power from 250~1000V voltage, less heat with  
smaller current

## Intelligent Control

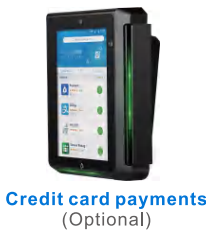
Ethernet / 4G / communication all supported  
OCPP1.6 communication protocol with CMS  
Intelligent operation by App and cashless payment

## Flexible Option

App operation or RFID authentication or plug and play  
High protection grade as IP54, with IP65 optional  
Optional POS terminal for contactless credit card  
payment

## Secure and Safe

Type A RCD for residual current protection  
PTB certified energy meter with accurate measurement  
ISO15118 prepared for advanced feature of Plug & Charge



Model	ZECO120K-D4	ZECO160K-D4	ZECO180K-D4
Technical features			
Max Power	Up to 120KW	Up to 150KW	Up to 180KW
Input / Output Power	400VAC±10%-50/60Hz-3phase		
Power Factor	≥0.98		
Efficiency	>95%		
Measuring Accuracy	Level 0.5		
Output Voltage Range	CCS: 250~1000VDC		
Output Current Range	0-250A	0-250A	0-250A
Communication	PLC (between charger & vehicle)      Ethernet / 4G / OCPP 1.6J (Optional)		
User Interface	LCD 7 Inch Touch Screen / RFID Card and APP		
Versatility	EN / IEC 61851-1: 2019, EN / IEC 61851-23: 2014		
Security Design	Over / under voltage protection, overload protection, current leakage protection, grounding protection,lightening surge protection		
DC Plugs	CCS2 Cable 5M or 7M (Optional)		
Energy Meter	CE certified		
RCD	Type A or Type B (Optional)		
Physical Properties			
Warranty	2 Years		
Cooling	Air Cooled		
IP Level	IP54		
Sound Noise	<70DB in all Directions		
Operating Temperature	-20°C to +50°C		
Humidity	Max.95% (Non-Regulating)		
Dimensions	750*770*1750mm		
Package Dimension	800*850*1950 (L*W*H) mm Wooden Packing		

# Super DC Series

320-480KW the best charging station For EV fast charger

### High Efficiency

One charger with two outputs, simultaneously charging  
Two CCS2 DC connectors, with output up to 480kW  
Constant power from 150~1000V voltage,Max current  
Can do 500A(Liquid-cooled)

### Intelligent Control

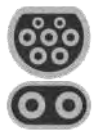
Ethernet/4G/ communication all supported  
OCPP1.6 communication protocol with CMS  
Intelligent operation by App and cashless payment

### Flexible Option

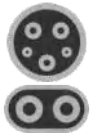
App operation or RFID authentication or plug and play  
High protection grade as IP54, Optional POS terminal  
for contactless credit card payment

### Secure and Safe

Type A RCD for residual current protection  
mid certified energy meter with accurate measurement  
DIN 70121 prepared for advanced feature of Plug&Charge



CCS2



CCS1



NACS(tesla)



GB/T



Credit card payments  
(Optional)



Model	ZECO240K-D8	ZECO320K-D9	ZECO360K-D10	ZECO400K-D11	ZECO480K-D12
Technical features					
Max Power	Up to 240KW	Up to 320KW	Up to 360KW	Up to 420KW	Up to 480KW
Input Voltage	400VAC±10%-50/60Hz-3phase(CCS2/ GB/T/NCAS) 480VAC±10%-50/60Hz-3phase(CCS1/NCAS)				
Power factor	≥0.98				
Efficiency	>95%				
Measuring accuracy	Level 0.5				
Output voltage range	CCS: 150~1000VDC				
Output current range	0-250A 0-350A(optional)	0-250A 0-350A(optional)	0-250A 0-350A(optional) 0-500A(Liquid-cooled)	0-250A 0-350A(optional) 0-500A(Liquid-cooled)	
Communication	ISO15118 / DIN70121(between charger & vehicle) Ethernet/4G/OCPP 1.6J (TLS1.2)				
User interface	LCD 10 inch Touch Screen /RFID card and APP				
Versatility	EN/IEC 61851-1: 2019, EN/IEC 61851-23: 2014 ,UL 2202, UL2594				
Security design	Over/under voltage protection, overload protection, current leakage protection, grounding protection,lightening surge protection				
DC Plugs	Cable 5M				
Energy Meter	CE certified				
RCD	Type A				
Load balancing	Load balancing meter and CT(optional)				
Physical properties					
Warranty	2 years				
Cooling	Air cooled				
IP Level	IP54				
Sound noise	<70DB in all directions				
Operating temperature	-20℃ to +50℃				
Humidity	Max.95%(non-regulating)				
Dimensions	750*770*1850mm				
Package Dimension	800*850*1950(L*W*H)mm Wooden packing				



# Split Type HP Fast DC Series

**480-720KW** the best charging station  
For EV fast charger

## Split design

Split design, flexible power distribution between terminals  
The power cabinet has a small footprint and can be flexibly deployed  
The charging terminal is installed near the parking space, with low noise

## Super fast charging

Multi gun design, single gun can output maximum power  
The maximum output of a conventional charging gun is 250A  
The maximum output of the liquid cooled charging gun is 500A

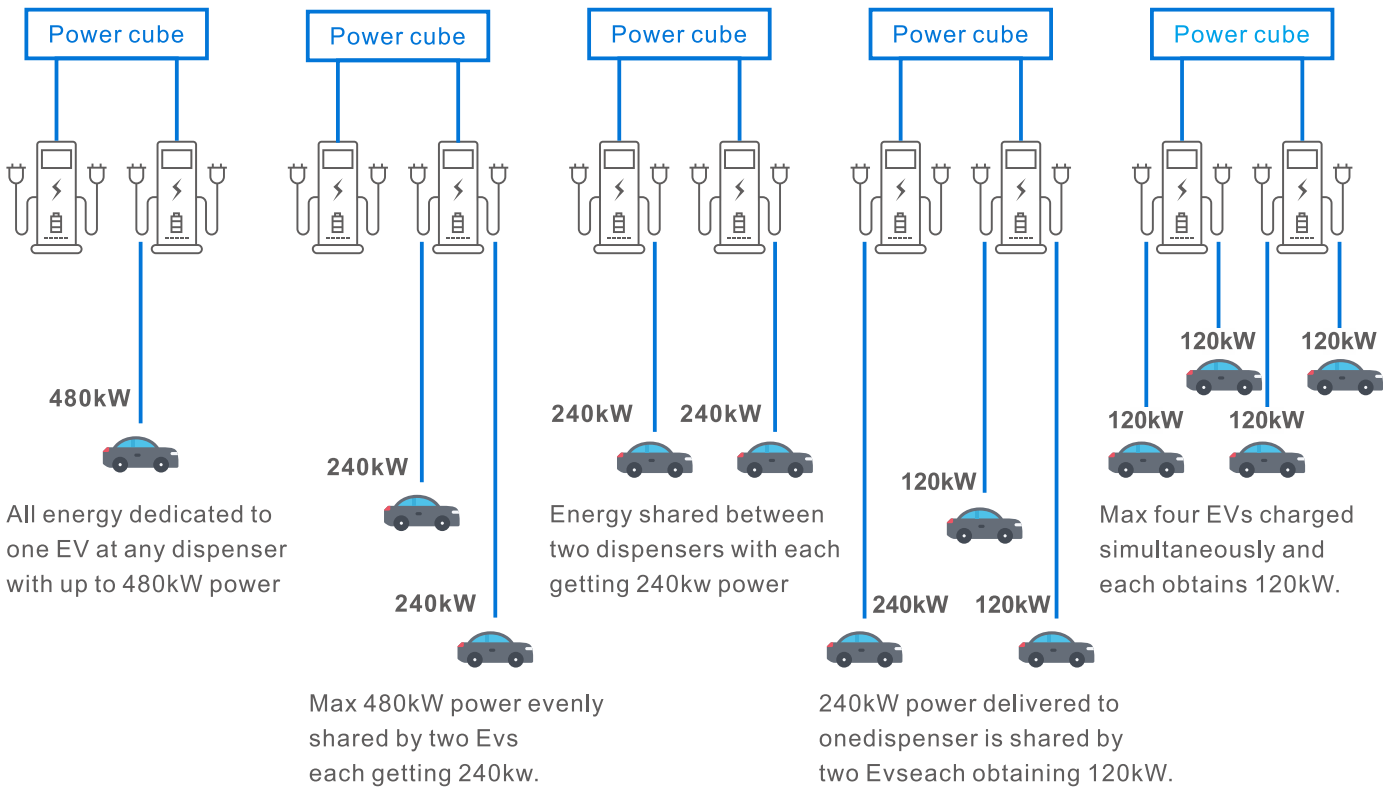
## Powerful features

Support remote control, diagnosis, and OTA upgrades  
Supports multiple charging methods such as mobile phone scanning, card swiping, and VIN code charging  
Charging voltage of 150V-1000V, supporting all electric vehicle charging

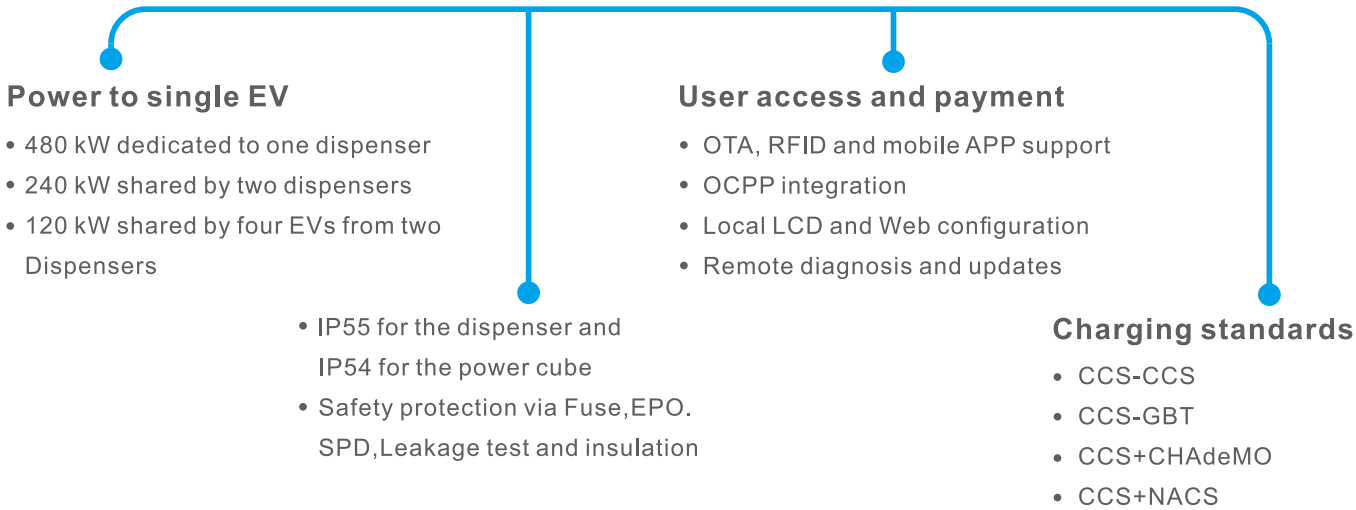
## Safe and reliable

Isolation air duct adhesive module with extremely low failure rate  
G4 filter configuration, good protection effect, and simple maintenance  
Selecting high-quality components for a long lifespan  
Split design with low terminal noise

## How is power shared in the solution?



Energy flow is transferred between charging dispensers and connectors based on precise intelligent control. The power sharing function is designed and defined as CoolRing in infypower Technology.



# Split Type HP Fast DC Series

480-720KW the best charging station  
For EV fast charger

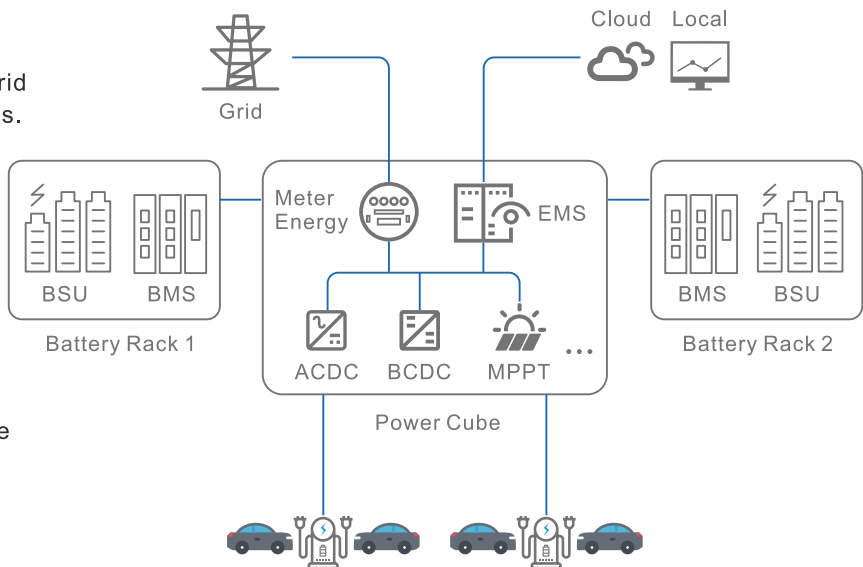


Model	ZECO480K-D11		ZECO600K-D12	ZECO720K-D13
Technical parameters of power cabinet				
Max Power	Up to 480KW		Up to 600KW	Up to 720KW
Input Voltage	400VAC±10%-50/60Hz-3phase(CCS2 and GB/T) 480VAC±10%-50/60Hz-3phase(CCS1+NACS)			
Maximum input current	2*384A		2*480A	2*576A
Power factor	≥0.99			
Efficiency	>95%			
Measuring accuracy	Level 0.5			
Output voltage range	CCS: 150~1000VDC			
Output current range	1600A@300V , 960A@500V , 480A@1000V			
Output modes	Up to 8 outputs and used as input for charging terminals			
Charging terminals	The charging terminal supports conventional single and double gun terminals, and liquid cooled charging terminals (optional)			
Human-computer interaction	7-inch color touch LCD screen, LED display light, emergency stop switch			
Size and weight	1000*2000*800mm /450kg (excluding modules)			
Protection level	IP54			
Technical parameters of charging terminals				
DC Output voltage	150V-1000VDC			
Number of gun	2PCS / 1PCS			
Maximum output power	Regular: 180kW@300 ~1000V Liquid cooling: 480kW@300 ~1000V(optional)		Regular: 180kW@300~1000V Liquid cooling:600kW@300~1000V(optional)	Regular: 180kW@300 ~1000V Liquid cooling: 600kW@300 ~1000V(optional)
Maximum output current	Conventional: 250A Liquid cooling: 500A(optional)		Conventional: 250A Liquid cooling:600A(optional)	Conventional: 250A Liquid cooling: 600A(optional)
Power distribution	average 60kW single gun output, 60kW/120kW/180kW intelligent distribution			
Charging mode	automatically switches based on power, round charging, gun insertion, and timed switching			
Communication	ISO15118 / DIN70121(between charger & vehicle) Ethernet/4G/OCPP 1.6J (TLS1.2)			
User interface	LCD 7 inch Touch Screen /RFID card and APP			
Versatility	EN/IEC 61851-1: 2019, EN/IEC 61851-23: 2014 ,UL 2202, UI2594			
Security design	Over/under voltage protection, overload protection, current leakage protection, grounding protection,lightening surge protection			
DC Plugs	Cable 5M			
Energy Meter	CE certified			
Size and weight	Conventional charging terminal: 500 * 1750 * 260mm 155 kg/pile Liquid cooling charging terminal: 500 * 1750 * 350mm 190 kg/pile			
IP Level	IP54			
other				
Warranty	2 years			
Cooling	Air cooled / Liquid cooling			
Sound noise	<70DB in all directions			
Operating temperature	-30C° to +70C°			
Humidity	Max.95%(non-regulating)			
Working altitude	≤ 2000m, derated output above 2000m			

# Energy storage series



- Flexible flow of energy**  
Well-controlled energy flow among Grid batteries, solar panels and other loads.
- Expandability**  
Module-design guarantees tailored capacity and power based on individual customer requirement.
- Load shifting**  
Store energy during off-peak power or low-fee intervals, release energy for peak hours or emergency shortage
- Digitalization**  
Cloud-based EMS offers remote access to manage the operation of any charging point.



ZECOS480-K14  
480kW Power Cube



ZECOS215-B14  
215kWH Battery Cube



ZECO250K-D14  
250kW Charging Dispenser

Model	ZECOS480-K14	
AC grid access	AC input voltage	45-65Hz/3-phases + N + PE1 260vac-530vac
	AC max input current	645A
	AC Distribution	AC Grid charging power to EnergyStorage Battery is max 120kW. to EV is max240K
	AC feedback power(optional)	Energy Storage Battery max feedback to Grid/B2G is 88KW
Energy Storage	Battery group access channel	Max 2 channels
	Battery charging power from AC Grid	Max 120KW
Battery access	Battery B2V EV charging power	Max 4 channels
	Battery B2V EV charging power	Max 240kW
	Battery B2G AC grid feedback power (optional)	Max 88kw
Electric Vehicle	EV Charging point	Max 4 point within 2 Dispensers
	EV Charging power	Max 480kW
Electric Vehicle Discharging	EV feedback to AC Grid /V2G power (optional)	Max 176kW
	EV feedback to Energy Storage Battery /2Bpower (optional)	Max 120kW
Dimensions	1000*2000*800mm /450kg (excluding modules)	

Model	ZECOS215-B14
Energy Storage Battery	200kWh/280Ah Energy storage battery, Battery voltage: 627V~806V, Charging/ discharging ratio: 0.5 C dis/charge,max 1C discharge 10 min
Battery BMS	Battery Pack BSU + High voltage control box master-slave BMU
Battery Capacity Expand	Max 4 groups battery/battery cube access, 4 BMU
Fire suppression system	Temperature-activated fire extinguishing system + fire probe tube + Air pressure sensor and valves, emergency fan
Protection Class	Ip65
Dimensions/Weight	W*H*Dmm=1200*2200*1200/1600 kg

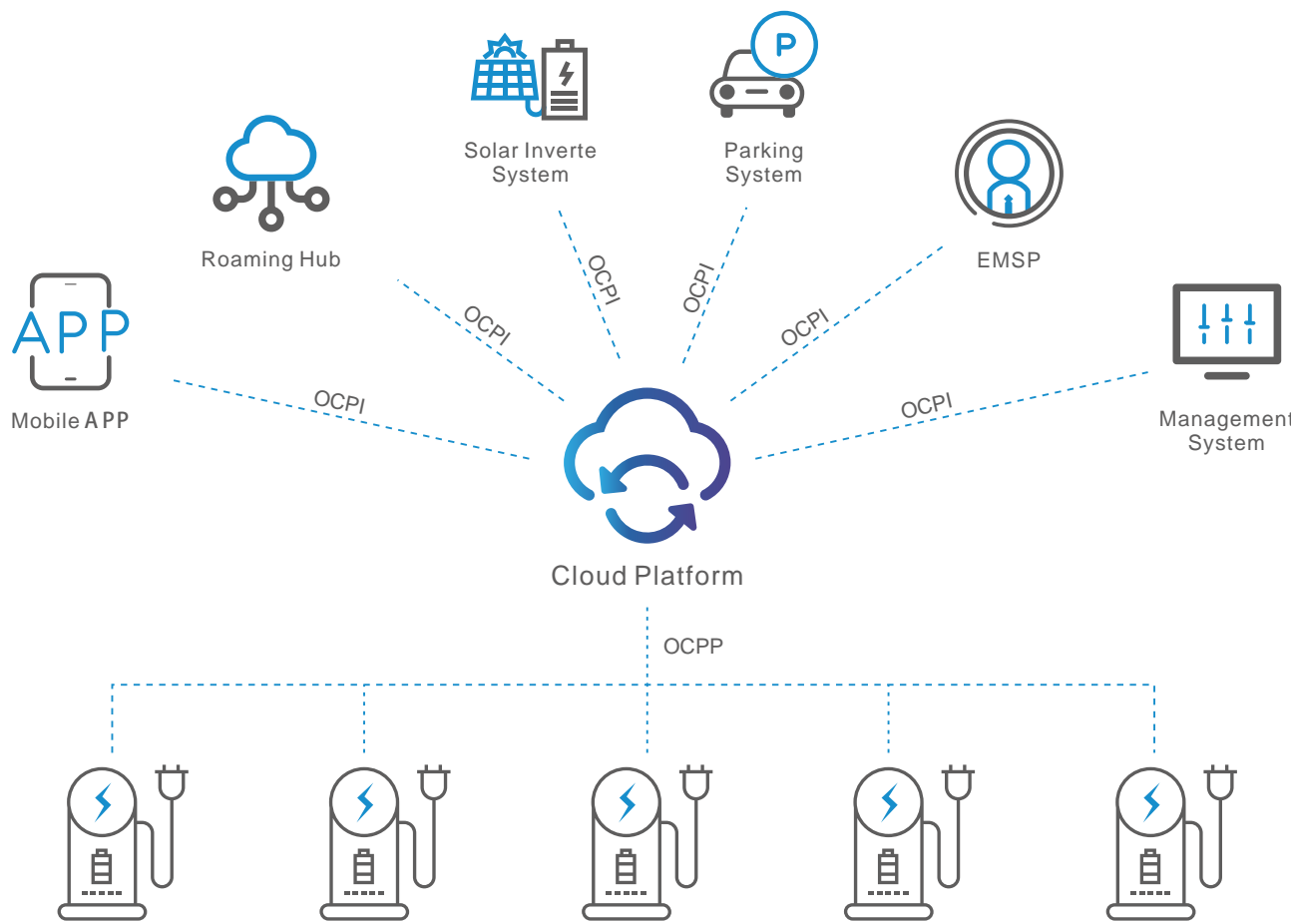
Model	ZECO250K-D14
Normal Charging Cable	CCS1 200A300A 1000V.CCS2 200A250A 1000VCHAdemo 125A/500V, GBT 250A/1000V
Liquid cooling cable	500A/1000V CCS1 or CCS2 or GBT
Dimensions	W*H*D mm =500*1750*350 mm Weight: 160 kg



# Cloud Platform

Dedicated to enabling the future of e-Mobility by providing the most open, secure and robust charging network anywhere. A charging platform based on the cloud server makes it simple for charger owners to operate and customize chargers to meet their specific requirements. We provide everything you need to offer a complete EV charging solution.

- ▶ **Management System:** A central system for charger operators manage charge points an monitor charging service. Status monitor, charger record, price management, firmware upgrade, remote diagnose, and load balnace are offered in one capable system.
- ▶ **Mobile App:** A charging App for EV drivers who needs charging service. Price, locations, availability, start/stop charging, and auto billing are available in an easy way.
- ▶ **Interoperability:** Connections while e-Mobility Service Providers who have EV drivers as customers are viable through the open charge point inter face protocol(OCPI)



# Mobile APP

The charging App connects EV drivers with charging stations, so that they can easily find a charger and enjoy the charging service. It enables users to do location search, charging monitor and payment settlement. All is done in a mobile phone.

**Account Signup**  
Easy signup with a mobile phone number

**Location Search**  
Quick search for available charging faacilities

**Charging Operation**  
Friendly interface and convenient operation

**Real Time Monitor**  
Real time presentation of charging consumption

**Cashless Payment**  
Mobile payment from credit card, like Nets, PayWay

**Auto Billing**  
Secure billing through registered account

App Store

Google Play

1 Download the App and sign up an account.

2 Plug the charging cable into EV.

3 Scan QR code to start charging.

4 Stop charging in the App and settle payment automatically.