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**One-stop Solution Provider for EV Charging**

# 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



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.

## Partnerships

We offer comprehensive, scalable solutions, providing direct and indirect support to various brands worldwide. Our commitment to innovation and customer satisfaction ensures that you receive the best possible experience with our EV charging technology.



We are compatible with all plug-in vehicle brands





## 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

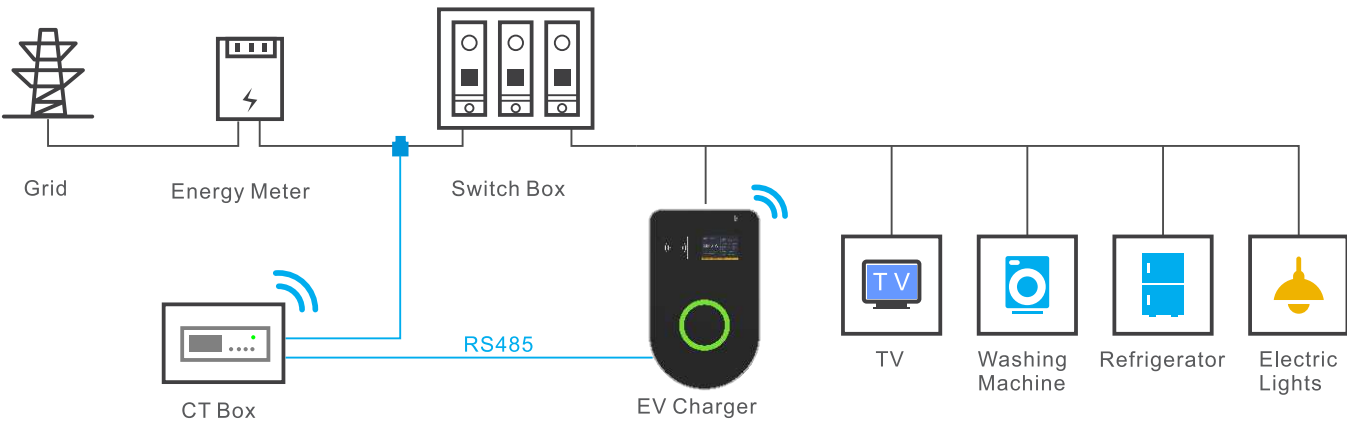


# Home EV Charging Solutions

## 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.

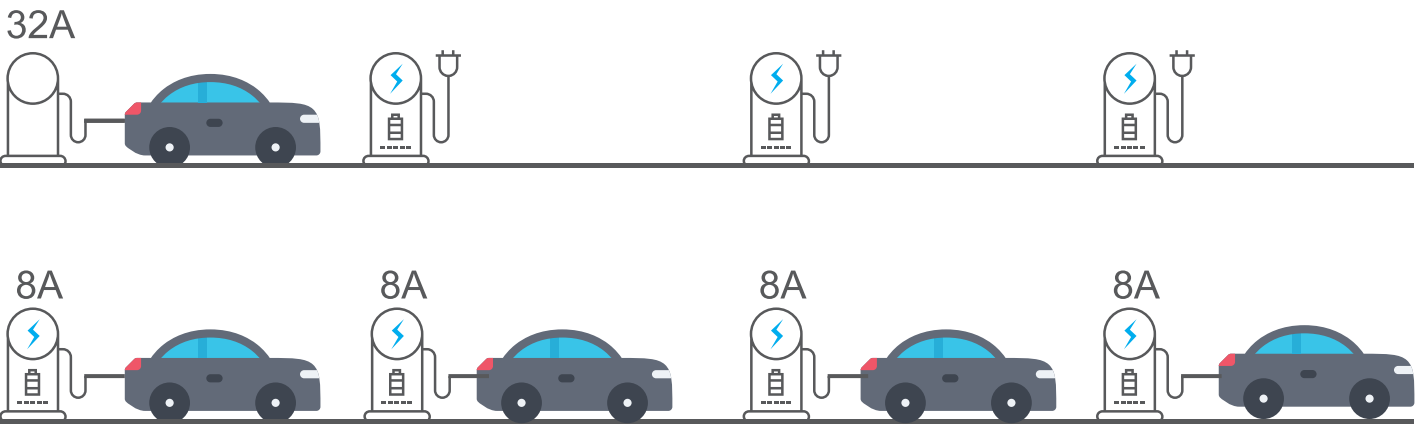
CT box monitors the total energy consumption and reports to the management system. The system controls the charging power of each individual charger automatically to avoid overloading when chargers and other loads are being used simultaneously



## Static Load Balance

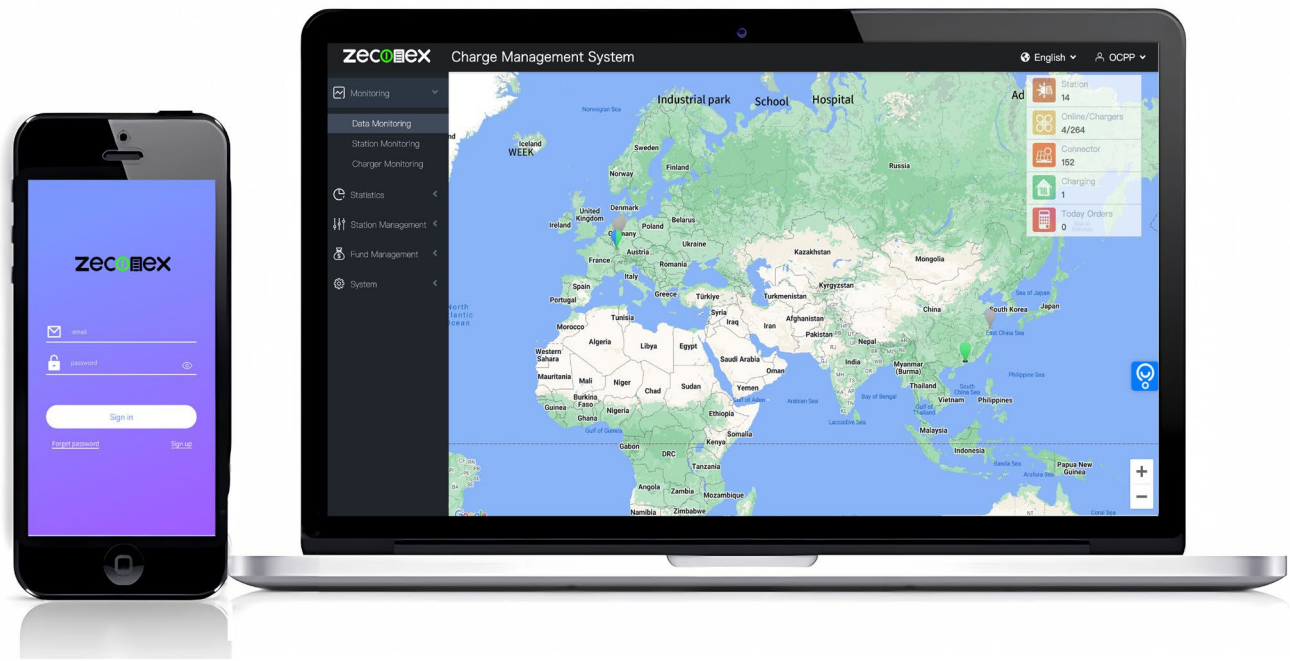
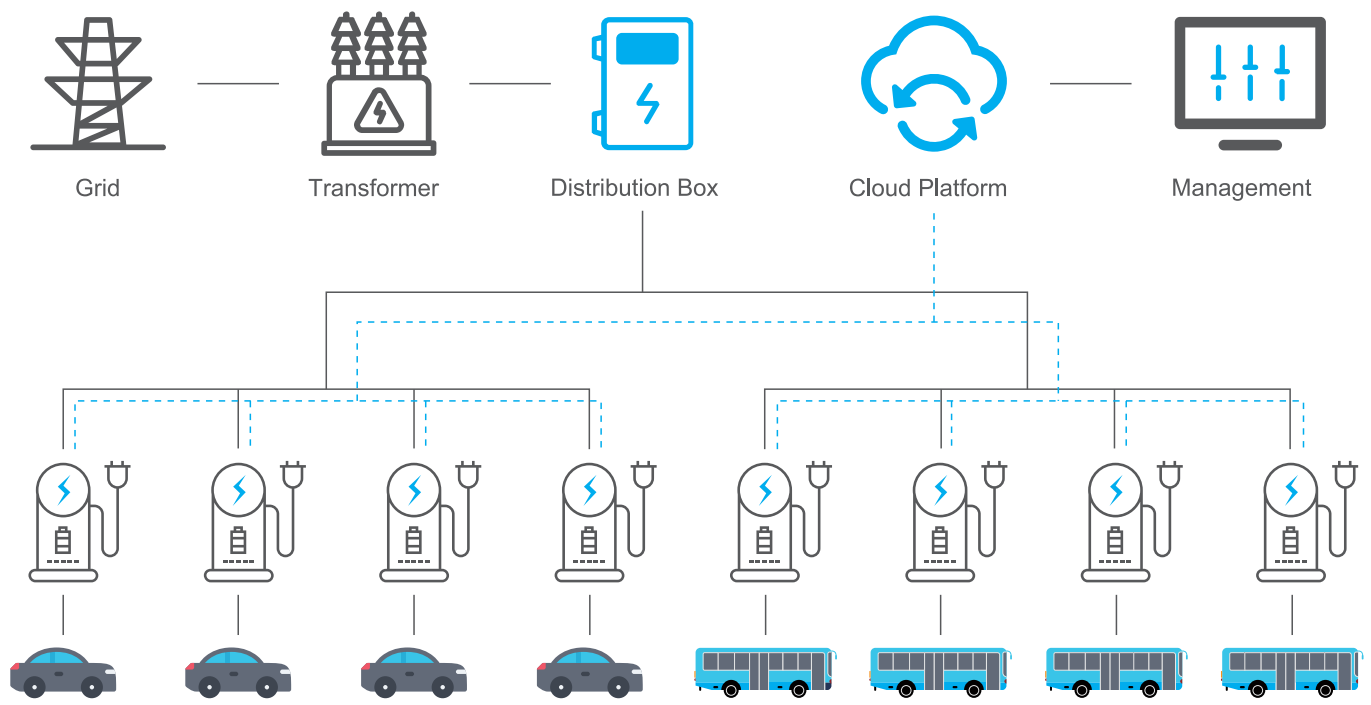
Static Load Balance is a smart charging feature which balances the distribution of the total available power for multiple chargers at a specific location. It enables you to set a maximum power for multiple chargers in the management system and distribute the charging power evenly between the individual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



# Business EV Charging Solutions

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

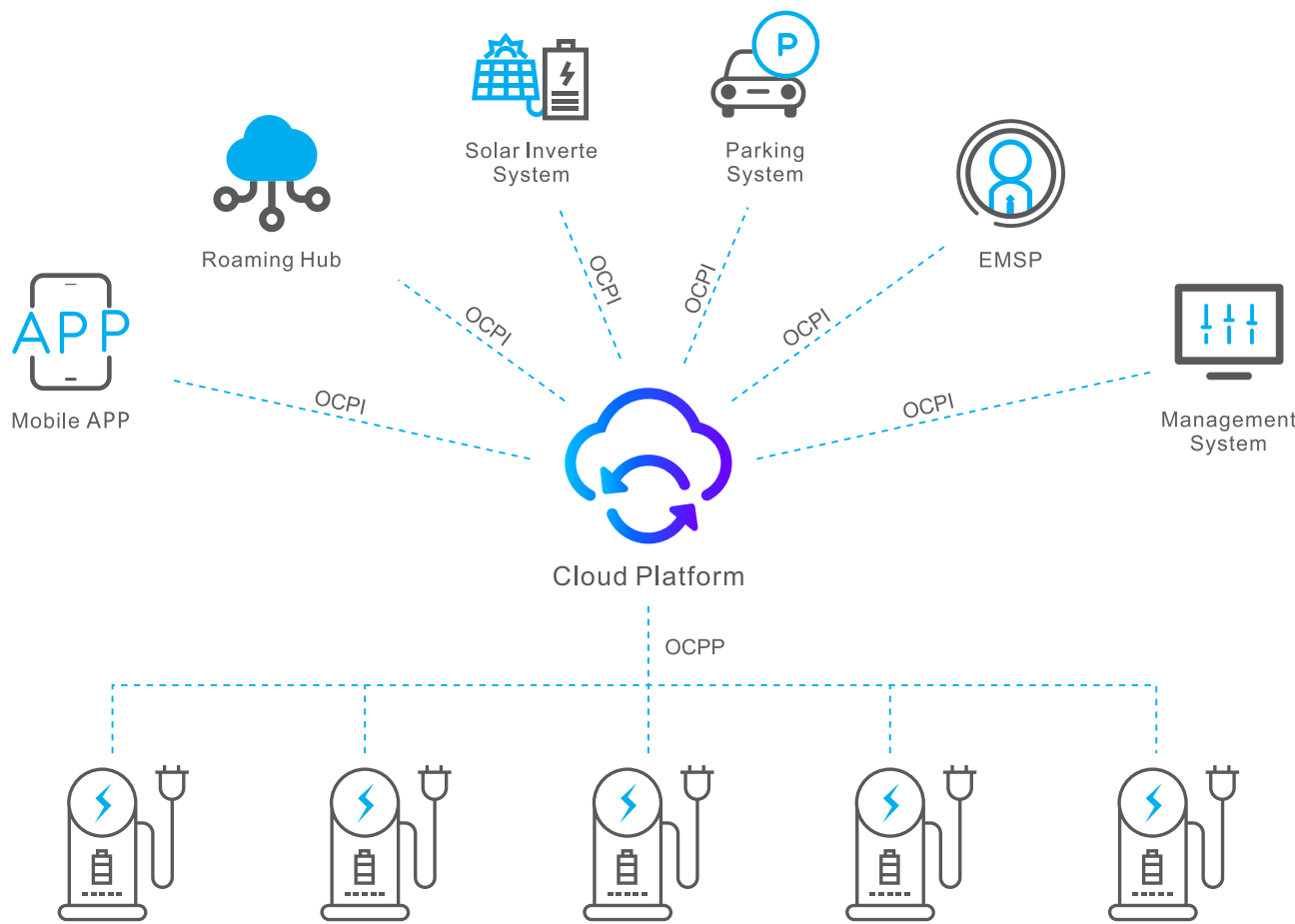




# Cloud Platform

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

9:27  
Charging  
Amount: \$2.05  
Energy: 2.5kWh  
Power: 11.2kw  
Duration: 2H/2min  
Shell ocpp station ID: 240070010  
Type 2  
NT\$ 1.35 /KWh  
Balance NT\$ 40  
START  
After you stop the charging, please free the charging point, and the corresponding parking space as quickly as possible.

**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.

# EV charger Connector



## High power&liquid cooling design

- Supports ultra-high current (up to 600A/1000V or above) to meet the requirements of High Power Charging (HPC).
- Adopting liquid cooling technology (liquid cooling pipeline+internal temperature sensor), significantly reducing cable diameter and weight while avoiding overheating, suitable for long-term high-power charging.

## Safety and reliability

- Built in multiple temperature monitoring points, real-time monitoring of contact and cable temperatures to prevent overheating.
- Adopting high-strength insulation materials and ergonomic structure to ensure safe insertion and removal and service life.
- Compliant with IEC 62196-3&1S0 15118 standards, supports Plug&Charge and encrypted communication.

## Humanized&Easy to Operate Design

- Lightweight cables (achieving smaller wire diameters through liquid cooling) reduce the burden during operation.
- Ergonomic handle, convenient for users of different heights and body types to operate.
- The insertion and extraction force is designed reasonably, combined with durable materials, and the lifespan can usually reach more than 10000 insertion and extraction cycles

# SPECIFICATION

Type 2 /Type 1/NACS	
Voltage rating	AC 230V/480V
Current rating	6A/32A/40A/48A/60A/80A
Withstand voltage	2500V AC 1min
Insulation resistance	1000MΩ
Protection rating	IP55
Insertion and extraction force	<140N
Plugging times	10000
Ambient temperature	-30°C-50°C
Test standard	IEC-62196-2/SAEJ1772
Type-6	
Voltage rating	DC 120V
Current rating	20A/50A/70A/100A/125A/150A
Withstand voltage	3500V AC 1min
Insulation resistance	1000MΩ
Protection rating	IP67
Insertion and extraction force	<140N
Plugging times	10000
Ambient temperature	-40°C-50°C
Test standard	IEC-62196-6/IS-17017-2-6
CCS/NACS dc connector-Air cooling	
Voltage rating	DC 1000V
Current rating	20A/40A/50A/80A/125A/150A/200A/250A/300A/350A
Withstand voltage	3500V AC 1min
Insulation resistance	1000MΩ
Protection rating	IP55
Insertion and extraction force	<140N
Plugging times	10000
Ambient temperature	-40°C-50°C
Test standard	IEC62196-1.EC62196-3
CCS dc connector-Liquid cooling	
Voltage rating	DC 1000V
Current rating	500A/600A
Withstand voltage	3500V AC 1min
Insulation resistance	1000MΩ
Protection rating	IP55
Insertion and extraction force	<140N
Plugging times	10000
Ambient temperature	-40°C-50°C



# Portable AC charger 3.5KW-7KW

## Secure and Safe

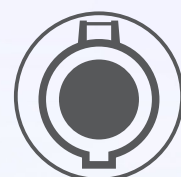
Type A+30mA leakage protection  
Over temperature protection  
High protection grade up to Ip65

## Friendly Interface

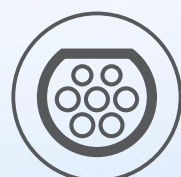
OLED Display  
Current can 8A, 10A, 13A, 16A, 20A, 32A, adjustable

## High compatibility

Fully compatible with all EV in the market



SAE J1772 Type 1



IEC62196-2(Type2)



Schuko Plug



NEMA6-20P Plug



NEMA Plug



Blue CEE

## SPECIFICATION

Model	ZECO-0035-BX1	ZECO-0070-BX2
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	Type AC 30mA / RCMU(Type A+DC6mA)(Optional)	
Standby power	<2W	
Measuring accuracy	1%	
Certificate / Compliance	CE / IEC61851-1 , IEC61851-22 ,SAEJ1772	
Charging Interface	5M cable, Type2 Plug	
Power Cord Plug	Schuko / NEMA Plug / NEMA 6-20P Plug / Blue CEE	
Physical properties		
Protection	IP65, IK10	
Special Protection	Temperature sensor and plug adapter	
Cooling	Natural cooling	
Operating temperature	-30°C to +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

# Portable AC charger 11KW-22KW



Support Blue CEE

## Diverse Power, Wide Scenarios

ZECO-0110-BX3 maxes at 11kW, ZECO-0220-BX4 at 22kW. Both work indoors/outdoors, at altitudes  $\leq 2000\text{m}$ , with IP66 protection.

## Flexible Current, Smart Charging

ZECO-0110-BX3 enables 16A three-phase charging, with switchable currents (6A/8A/10A/13A/16A). ZECO-0220-BX4 supports 32A three-phase charging, with adjustable currents (8A - 32A). Offer cycle display and scheduled delay.

## Thoughtful Design, Easy Use

Support ungrounded charging via buttons. Have welding alarm (stop charging on relay failure). Three-color LEDs show power, charging, and fault statuses.

## Comprehensive Protection, Safe Charging

Feature over-voltage, under-voltage, over-current, PE loss, diode loss, and over-heat protection. ZECO-0110-BX3 has Type A +DC 6mA leakage protection; ZECO-0220-BX4 has Type B, AC 30mA + DC 6mA. Detect cable and internal temperatures.

## SPECIFICATION

Model	ZECO-0110-BX3	ZECO-0220-BX4
<b>Technical features</b>		
Max Power	Up to 11KW	Up to 22KW
Working power	400V+10%, 50Hz $\pm$ 2%	
Scenes	Indoor/Outdoor	
Altitude (m)	$\leq 2000$	
IP	IP66	
Button	Current switching, cycle display, appointment delay rated charging	
Current Switching	It can meet 16A three-phase AC charging, and the current can be switched between 6A/8A/10A/13A/16A	It can meet 32A three-phase AC charging, and the current can be switched between 8A/10A/13A/16A/20A/24A/32A
Working temperature	$-25\sim 50^{\circ}\text{C}$	
Storage temperature	$-40\sim 80^{\circ}\text{C}$	
Environment humidity	$<93\% \text{RH} \pm 3\% \text{RH}$	
External magnetic field	Earth's magnetic field, Not exceeding five times the earth's magnetic field in any direction	
Sinusoidal wave distortion	Not exceeding 5%	
Protect	Over-voltage Protection, Under-voltage Protection, Over-current Protection, PE loss Protection, Diode loss Protection, Over-heat Protection	Over-current 1.125In, over-voltage and under-voltage $\pm 15\%$ , over temperature $\geq 70^{\circ}\text{C}$ , reduce to 6A to charge, and stop charging when $>75^{\circ}\text{C}$
Leakage Protection	Type A+DC6mA	Type B, AC 30mA+DC6mA
Temperature Check	1. Input plug cable temperature detection 2. Relay or internal temperature detection	
Ungrounded protection	Button switch judgment allows ungrounded charging, or PE is not connected fault	
Welding alarm	Yes, the relay fails after welding and inhibits charging	
Relay Control	Relay open and close	
LED	Power, charging, fault three-color LED indicator	
Product size (H*W*D)	129mm x104mm x60mm	



# Home EV Wallbox 7KW-22KW



## SPECIFICATION

	Model	ZECO-0070-U1	ZECO-0110-U2	ZECO-0220-U3
1	input power	230V/50Hz	400V/50Hz	400V/50Hz
2	Output power	7KW	11KW	22KW
3	Charging interface	IEC62196-2 Type 2	IEC62196-2 Type 2	IEC62196-2 Type 2
4	RCD	Type A+DC6mA	Type A+DC6mA	Type A+DC6mA
5	Anti-error wire connect protection	YES	YES	YES
6	OVP/LVP/OCP/OTP/SPD protection	YES	YES	YES
7	RFID	YES	YES	YES
8	Emergency button	YES	YES	YES
9	PEN Function	YES	YES	YES
10	Wifi+Bluetooth	Optional	Optional	Optional
11	APP Control	Optional	Optional	Optional
12	DLB function	Optional	Optional	Optional
13	PV function	Optional	Optional	Optional
14	4.3" LCD	Optional	Optional	Optional
15	Certificate	CE/UKCA	CE/UKCA	CE/UKCA



7/11/22KW available



RFID/APP control



Finned radiator



Courtesy Light



Solar compatible



A+DC6mA protection



PEN protection



OCPP1.6 Basic



# Commercial EV Wallbox 7KW-22KW



- PEN TRUE protection(UK market)
- ComPatible with all electric vehicles
- TUV/CE/UKCA/ROHS certified

## Secure and Safe

MID certified energy meter with accurate measurement  
TypeA+DC 6mAleakage protection

## Simple and intelligent

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

## Flexible Option

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



Model	ZECO-0070-S1	ZECO-0110-S2	ZECO-0220-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	RCMU(Type A+ DC 6mA)/ Type B RCCB(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/ 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 / 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			
Protection	IP55, IK10		
Enclosure	Plastic PC940/ Galvanized steel		
Front Panel	tempered glass		
Installation	Wall-mount/ Pole-mount		
Cooling	Natural cooling		
Operating temperature	-30°C to +50°C		
Humidity	Max 95%(non-regulating)		
Product Dimensions	320*230*100( L*W* H ) mm		
Package Dimension	480*340*290( L*W* H ) mm		
Net Weight	8Kg	8Kg	8Kg
Gross Weight	9Kg	9Kg	9Kg





## 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 Intelligent operation by App and cashless payment

### Flexible option

Supports app operation, RFID authentication, and plug-and-play functionality. Customizable with different color options.



## SPECIFICATION

Model	ZECO-0140-T1	ZECO-0220-T2	ZECO-0440-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-1phase	400VAC±20%-50/60Hz- 16A-3phase	400VAC±20%-50/60Hz -32A-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&IEC14443A)		
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*2/5MCable		
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			
Protection	IP55 , IK10		
Enclosure	Galvanized steel		
Front Panel	Tempered glass		
Installation	Wall-mount/ Pole-mount		
Cooling	Natural cooling		
Operating temperature	-30°C to +55°C		
Humidity	Max 95%(non-regulating)		
Product Dimensions	334*151*502.6( L*W* H ) mm		
Package Dimension	405*365*605( L*W* H ) mm		
Net Weight	14.12Kg	14.12Kg	14.12Kg
Gross Weight	15.25Kg	15.25Kg	15.25Kg





# Dual-Pro AC EV Charging Station

22KW / 44KW

## Optional Dual Ports, Smart Connected

Selling point: Optional double 230V16A Schuko connectors; 4G, Wi-Fi, LAN enabled, compatible with OCPP1.6J (upgradable to 2.01).

## Smart Energy Management

MID-approved electricity meter, dynamic load balancing, and 1/3 phase switching (3\*8 CT DLB BOX optional) for optimized energy distribution.

## Enhanced Safety & Protection

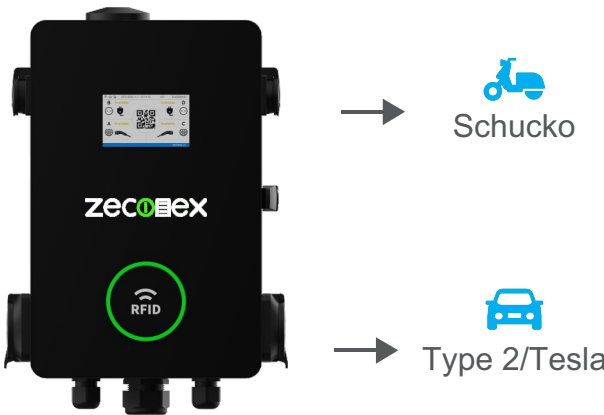
30mA Type A + 6mA DC for Individual socket. Includes leakage, overcurrent, and short-circuit protection, with a 3-year warranty for peace of mind.

## Future-Proof & Payment Support

ISO 15118 and POS payment options (optional) for future readiness.

## All EVs & E-bikes, One Charge

Type 2 socket/cable with 2x11KW/1x22KW/2x22KW, works for both electric vehicles and e-bikes.



# SPECIFICATION

Model	ZECO-0220-TA1	ZECO-0440-TA2
Technical features		
Charging capacity	Up to 2*11KW/1*22KW	Up to 2*22KW
Input/Output power	400VAC±20%-50/60Hz-32A-3phase	400VAC±20%-50/60Hz-64A-3phase
RCD	RCMU(Type A+ DC 6mA)/ Type B RCCB(Optional)	
RCBO	TYPE A(Optional)	
Standby power	<3W	
Measuring accuracy	1% with MID	
Load balancing	3*8CT(Optional)	
PEN Protection	Optional	
Energy Meter	MID certified(optional)	
OCPP	OCPP1.6 Json(OCPP2.0 optional)	
Communication	Bluetooth/WIFI/Ethernet/4G, IS015118-2 Plug&charge(Optional)	
User interface	LED/LCD(5inch")/ RFID(mifare iso & IEC 14443A)	
Certificate / Compliance	IEC 61851-1:2017 EN IEC 61851-1:2019 EN IEC 61851-21-2:2021 ENIEC 61000-6-1:2019 EN IEC 61000-6-3:2007+A1 EN 300 328 V2.2.2:2019 EN 300 330 V2.1.1:2017 EN 301 489-1 V2.2.3:2019 EN IEC61000-6-2 / -4:2019 EN 301 489-3 V2.1.1:2019 EN 301 489-17 V3.2.0:2017 EN 62311:2020 BS 7671:2018+A2:2022	
Charging Interface	Type 2 with 5M cable Type 2 with socket	Type 2 with 5M cable Type 2 with socket
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	3 years	
Protection	IP55, IK10	
Enclosure	Galvanized steel	
Front Panel	Tempered glass	
Special Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection	
Installation	Wall-mount/Pole-mount	
Cooling	Natural cooling	
Operating Temp.	-30°C to +55°C	
Humidity	Max95%(non-regulating)	
Product Dimensions	543*445*250MM	
Net Weight	12.8kg	





# Commercial AC charger 14KW-44KW

## Innovativeness

one charger with two output sockets  
BusinessusewithintelligentAppcontrol  
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

## Flexible option

Supports app operation, RFID authentication, and  
plug-and-play functionality. Customizable with  
different color options.



Socket verion

# SPECIFICATION

Model	ZECO-0140-BK1	ZECO-0220-BK2	ZECO-0440-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	RCMU(Type A+ DC 6mA) / Type B RCCB(Optional)		
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 Cable		
Special Protection	Over current protection, Residual current protection, Ground protection, Surgeprotection, Over/ Under voltage protection, Over/ Under frequency protection, Over/ Under temperature protection		
Physical properties			
IP Level	IP55 , 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	300*180*1 500( L*W* H) mm		
Package Dimension	540*265*1620( L*W* H) mm		
Net Weight	32Kg	32Kg	32Kg
Gross Weight	33.1Kg	33.1Kg	33.1Kg

# 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 " HDV 2500cd/m² Remotely update AD content



Model	ZECO-0140-AD1	ZECO-0220-AD2	ZECO-0440-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			
IP Level	IP55		
Special Protection	Topple & fall down protection		
Cooling	Natural cooling		
Operating temperature	-30℃ to +55℃		
Humidity	Max 95%(non-regulating)		
Product Dimension	920*290*1950mm(L*W*H )		
Package Dimension	450*1170*2110mm( L*W* H )		
Net Weight	201kg		
Gross Weight	320kg		



# Commercial MINI DC charger

## 20KW-30KW

### Friendly interface

5-inch touch screen LCD and ring LED offer good user display requirements fo rcharging.

### 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

Type 2plug, more efficient charging  
Ip55 protection level for outdoor installation.

### Wide application

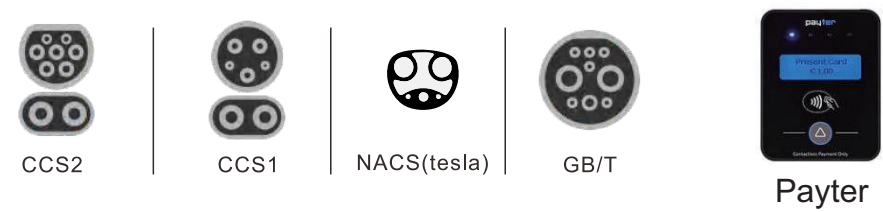
without requiring additional integration, configuration, or load balancing.



Model	ZECO-0200-D1A		ZECO-0300-D2A
Technical features			
Max Power	Up to 20KW		Up to 30KW
Input/output power	400VAC±10%-50/60Hz-3phase		400VAC±10%-50/60Hz-3phase
Power factor	0.98		
Efficiency	>95%		
Measuring accuracy	1%		
output Voltage range	CCS: 150~1000VDC		
output current range	0-65A	0-100A	
Communication	Ethernet / WIFI / OCPP 1.6 Json / 4G (optional)		
User interface	RFID card and APP		
Display	LCD 5inch Touch Screen		
Versatility	EN/ IEC 61851-1: 2019, EN/ IEC 61851-23: 2014		
Load balancing	Load balancing meter and CT(optional)		
Security design	over/under Voltage protection, overload protection, current leakage protection, grounding protection, lightening surge protection.		
DC Plugs	CCS2*1 Cable 5M		
Physical properties			
Application place	Indoor / outdoor		
Installation method	Wall mount, pedestal mount (optional)		
IP Level	IP55		
Sound noise	<55DB in all directions		
operating temperature	-30℃ to +50℃		
Humidity	Max 95%(non-regulating)		
Product Dimensions	600*300*194(L*W*H)mm	600*300* 194( L*W* H) mm	
Package Dimension	750*430*364( L*W* H) mm	750*430*364( L*W* H) mm	
Net Weight	35.5Kg	35.5Kg	
Gross Weight	37.7Kg	37.7Kg	



# Commercial MINI DC charger (Eco-version) 20KW-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.

## SPECIFICATION

Model	ZECO-0200-DA1	ZECO-0300-DA2	ZECO-0400-DA3
Technical features			
Max Power	Up to 20KW	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	0-67A	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)		
MCCB	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*230*620mm		
Package Dimension	930*570*480mm		
Net Weight	38Kg	40Kg	43Kg
Gross Weight	45Kg	48Kg	50Kg



# Commercial MINI DC charger 30KW-80KW



## Friendly interface

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

## Simple control

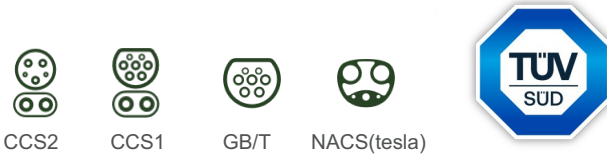
It is easy to control on and off through the Bluetooth function of the mobile phone APP and RFID function

## Fast and Safety

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



30kw/40KW with 1Gun

40kw/60kw with 2Gun

# SPECIFICATION

Model	ZECO-0300-D2	ZECO-0400-D3	ZECO-0600-D4	ZECO-0800-D5
Technical features				
Max Power	Up to 30KW	Up to 40KW	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	0-100A	0-133A	0-200A	0-250A
Communication	ISO15118 / DIN70121(between charger & vehicle) / Ethernet / 4G / OCPP 1.6J(TLS1.2 )			
User interface	4.3 inch Touch Screen / RFID card and APP / 7 inch			
Versatility	EN / IEC 61851-1: 2019, EN / IEC 61851-23: 2014, UL 2202, UI2594			
Energy Meter	CE certified (optional)			
MCCB	MCCB OR MCCB with typeA (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 Temp.	-30℃ t o+ 50℃			
Humidity	Max 95%(non-regulating)			
Product Dimensions	620*410*205(L*W*H)mm	660*465*330(L*W*H)mm	900*650*260(L*W*H)mm	
Package Dimension	810*540*310(L*W*H)mm	1010*720*510(L*W*H)mm	1190*760*620(L*W*H)mm	
Net Weight	41Kg	72Kg	124Kg	
Gross Weight	45 .3Kg	78Kg	150Kg	



# Portable DC charger 30KW-40KW

## Fast and Safety

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

## 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.

## Wide application

Compliant with OCPP 1.6 and above enables it to connect to the global EV charge management platform without requiring additional integration, configuration, or load balancing.

## Friendly interface

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



# SPECIFICATION

Model	ZECO-0300-DB1	ZECO-0400-DB2
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	
MCCB	MCC BORMCCB with typeA(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	<55DB in all directions	
Operating temperature	-30°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

# Portable DC charger 60KW-80KW

## Optional Dual Ports, Smart Connected

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 straight forward. its light weight, 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

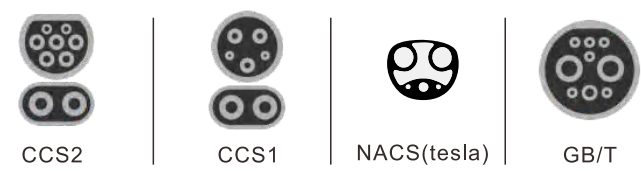
Compliant with OCPP 1.6 and above enables it to connect to the global EV charge management platform. without requiring additional integration, configuration, or load balancing.

# SPECIFICATION

Model	ZECO-0600-DB3	ZECO-0800-DB4
Technical features		
Max Power	Up to 60KW	Up to 80KW
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	0-200A	0-250A
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	
MCCB	MCCB OR MCCB with typeA( Optional)	
Load balancing	Load balancing meter and CT(optional)	
Physical properties		
Warranty	2 years	
Application place	Indoor/Outdoor	
Installation method	Wall mount, pedestal mount (optional)	
Sound noise	<55DB in all directions	
Operating temperature	-30°C to +50°C	
Humidity	Max95%(non-regulating)	
Dimensions	1250*710*600mm	1250*710*600mm
Package Dimension	1400*780*650(L*W*H)mm	1400*780*650(L*W*H)mm
Net Weight	85Kg	93Kg
Gross Weight	92Kg	102Kg



# Commercial DC charger (Eco-version)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

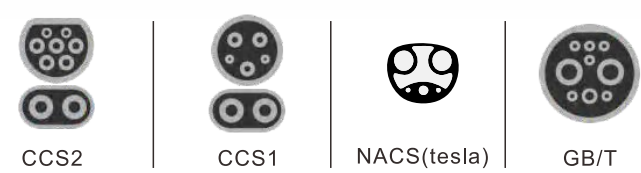
Type A RCD for residual current protection PTB certified energy meter with accurate measurement ISO 15118/DIN 70121 prepared for advanced feature of Plug&Charge.

## SPECIFICATION

Model	ZECO-600-DA4	ZECO-800-DA5
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)	
MCCB	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 (Eco-version)120KW-160KW



### 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

### Integrated EV Charging

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

## SPECIFICATION

Model	ZECO-1200-DA6	ZECO-1600-DA7
Technical features		
Max Power	Up to 120KW	Up to 160KW
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	0-250A
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)	
MCCB	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-160KW



## 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.

## Innovativeness

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

## Large screen advertising revenue

43 "and 55 " HDV 2500cd/m² Remotely update AD content



Physical properties	
IP Level	IP55(outdoor)
Special Protection	Topple & fall down protection
Cooling	Natural cooling
Operating temperature	-30°C to +55°C
Humidity	Max. 95%(non-regulating)
Dimensions	2310*1170*650( L*W* H )
Net Weight	280Kg
Gross Weight	321Kg

## SPECIFICATION

Model	ZECO-0600-DCA1	ZECO-1200-DCA2	ZECO-1600-DCA3
Technical features			
Charging capacity	Up to 60KW	Up to 120KW	Up to 160KW
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	0-200A	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*2		
Energy Meter	CE certified or PTB (optional)		
MCCB	MCC B OR MCC B withtypeA(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	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, Option		
The update way for	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	55 inch LCD Panel		
Display area	1209*680mm		
Display ratio	0.672917		
Backlight type	LED backlight		
Resolution	3480x2160		
Display color	16 .7M		
Brightness	3500-cd/m2		
Contrast	3500:1		
View angle	178°(H ) / 178°(V )		
Response time	6ms		
Life time	50000 hours		



# Commercial DC charger 80KW- 240KW



## 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  
DIN 70121 prepared for advanced feature of Plug and Charge

## High Efficiency

One charger with two outputs, simultaneously charging  
Two CCS2/CCS1/NACS/GB/T DC connectors, with  
output up to 240kW 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



# SPECIFICATION

Model	ZECO-0800-D5	ZECO-1200-D6	ZECO-1600-D7	ZECO-1800-D8	ZECO-2400-D10
Technical features					
Max Power	Up to 80KW	Up to 120KW	Up to 160KW	Up to 180KW	Up to 240KW
Input 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	0-250A/0-300A(optional)				
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, UI2594				
Security design	Over/ under voltage protection, overload protection, current leakage protection, grounding protection, lightening surge protection				
DC Plugs	CCS2 CCS1 NACS and GB/T, Cable 5M				
Energy Meter	CE certified				
MCCB	MCCB or MCCB with typeA(Optional)				
Load balancing	Load balancing meter and CT(optional)				
Physical properties					
Cooling	Air cooled				
IP Level	IP55				
Sound noise	<70DB in all directions				
Operating temperature	-30°C to + 50°C				
Humidity	Max 95%(non-regulating)				
Product Dimensions	750*570*1750mm				
Package Dimension	850*630*1850(L*W*H ) mm Wooden packing				

# Super DC Series 320KW - 480KW



## High Efficiency

One charger with two outputs, simultaneously charging  
Two CCS2/CCS1,NACS.GB/T DC connectors, with output  
up to 480kW Constant power from 200~1000V voltage,  
less heat with smaller current

## Flexible Option

App operation or RFID authentication or plug and play  
High protection grade as Ip55, with IP65 optional  
Optional POS terminal for contactless credit card payment



Support POS: Pater and Nayax

## Intelligent Control

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

## Secure and Safe

Residual current leakage protection  
CE or MID certified energy meter (optional) with accurate  
measurement DIN 70121 prepared for advanced feature  
of Plug&Charge



CCS2



CCS1



GB/T



NACS(tesla)

# SPECIFICATION

Model	ZECO-3200-D12	ZECO-3600-D13	ZECO-4000-D14	ZECO-4800-D15
Technical features				
Max Power	Up to 320KW	Up to 360KW	Up to 400KW	Up to 480KW
Input Voltage	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	CCS: 200~1000VDC			
Output current range	0-250A/0-350A(optional)			
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, 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 or MID certified (optional)			
MCCB	MCCB or MCCB with type A(Optional)			
Load balancing	Load balancing meter and CT(optional)			
Physical properties				
Warranty	2 years			
Cooling	Air cooled			
IP Level	IP55			
Sound noise	<70DB in all directions			
Operating temperature	-30°C to +50°C			
Humidity	Max 95%(non-regulating)			
Product Dimensions	750*770*1850mm			
Package Dimension	800*850*1950(L*W* H) mm Wooden packing			



# Split-type Modular Charging Station

## 480KW-960KW



### 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

### Satellite design

Satellite 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

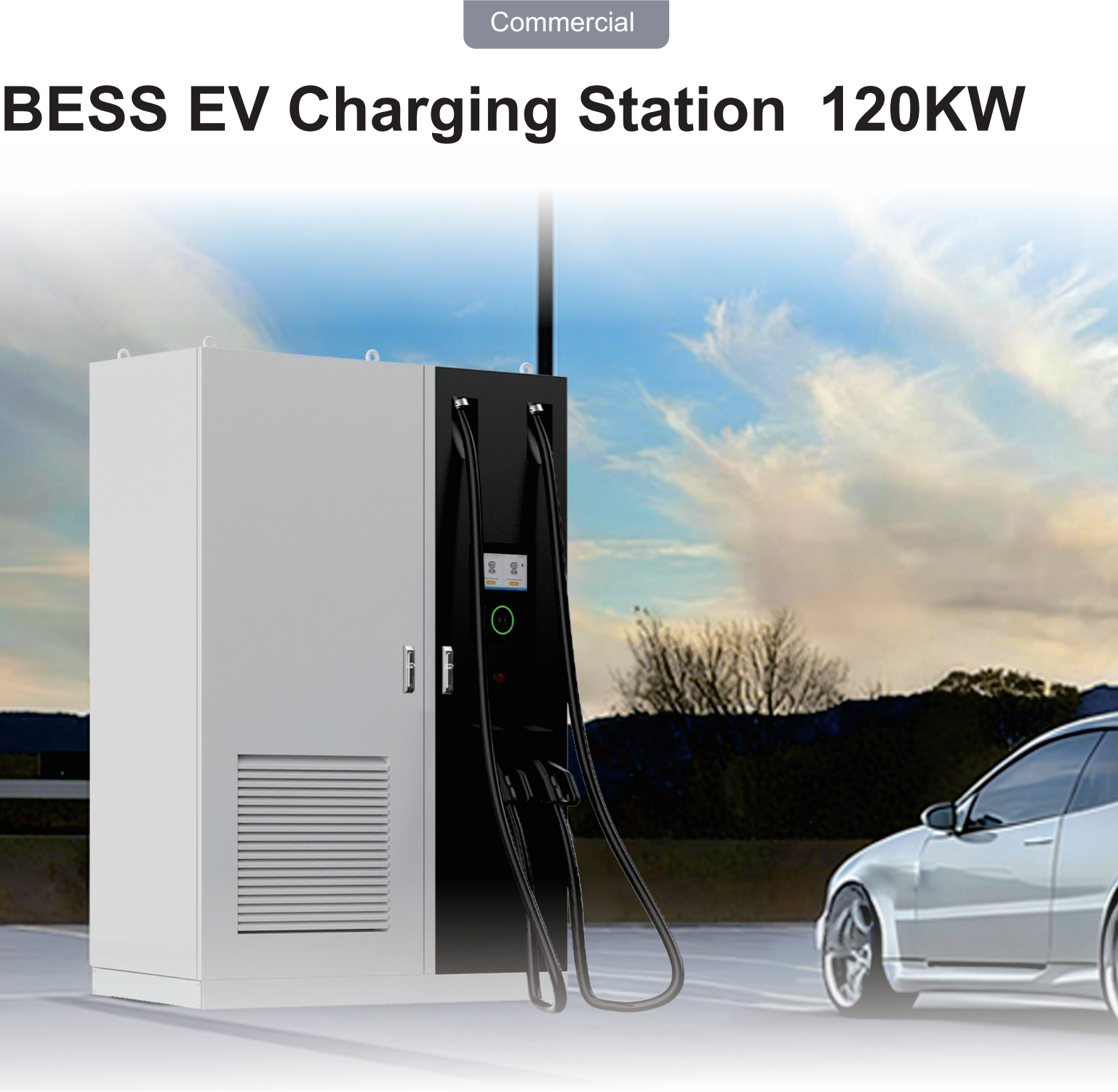


Swing Arm CMS Optional

# SPECIFICATION

Model	ZECO-4800-DF1	ZECO-7200-DF2	ZECO-9600-DF3
Technical parameters of power cabinet			
Max Power	Up to 480KW	Up to 720KW	Up to 960KW
Input Voltage	400VAC±10%-50/60Hz-3phase(CCS2 and GB/T)    480VAC±10%-50/60Hz-3phase(CCS1+NACS)		
Maximum input current	2*384A(400VAC)	2*576A(400VAC)	2*729A(400VAC)
Power factor	≥0.99		
Efficiency	>95%		
Measuring accuracy	Level 0.5		
Output voltage range	CCS: 150~1000VDC		
Output current range	480A@1000V	720A@1000V	960A@1000V
Output modes	Up to 8 outputs and used as input for charging terminals	Up to 12 outputs and used as input for charging terminals	Up to 16 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:250kW@300~1000V Liquid cooling: 480kW @300~1000V(optional)	Regular: 250kW@300~1000V Liquid cooling: 600kW @300~ 1000V(optional)	Regular: 250kW@300~1000V Liquid cooling: 600kW @300~ 1000V(optional)
Maximum output current	Conventional: 250A Liquid cooling:600A(optional)	Conventional: 250A Liquid cooling: 600A(optional)	Conventional: 250A Liquid cooling: 600A(optional)
Power distribution	average 80kW single gun output, 80kW/160kW/240kW 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, 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		
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 temp.	-30℃ to +55℃		
Humidity	Max.95%(non-regulating)		
Working altitude	≤2000m, derated output above 2000m		





### Rapid Deployment

The system integrates an energy storage unit and support s off-grid standalone operation. Its all-in-one, compact mobile design enables rapid deployment and improves overall operational efficiency.

### Intelligent Control

Powered by advanced control and management systems, the ESS enables optimized energy flow, stable power conversion, and intelligent system coordination.

### Integrated EV Charging

ZECONEX Mobile ESS integrates an EV charger with a 208 kWh lithium-iron-phosphate (LFP) battery and 185 kWh usable energy (SAT) in a single enclosure, along with DC charging modules, fire protection, and air conditioning.

### Comprehensive Protection

With an IP55 protection rating, it is well-suited for reliable outdoor use in demanding environments.

## SPECIFICATION

Model		ZECO-208120-DG3
Basic Parameter		
Charging System	Connectors	2
	Power Distribution	2 connectors intelligent distribution
	Charging Power	120kW
	Cable	250A, 5m, CCS1/CCS2
	Charging Voltage	300V~1000V
	Efficiency	≥96.5%
Meter	AC Side	AC meter
	DC Side	2-access DC meter
Energy-Storage-System	Battery Capacity	208 Kwh /LFP
	Usable Energy (SAT)	185 KWh
	Max. recharge Power	400Vac(3p+N+PE) or 480Vac(3p+N+PE) 40kW 208Vac(3p+N+PE)18kW
	Battery Charging Rate	≤0.5C
	Battery Discharge Rate	≤1C
	Battery Efficiency	≥94.5% under nominal situation
Product Specification	IP Ranking	IP55
	Type	DC charging station with Battery
	Installation	On ground
	Materia	Industrial Grade Alloy
	Color	White weather-resistant coating
	Package Dimension	2050mm*1800mm*900mm
Cooling System	Net Weight	2500kg
	Battery Cooling	Liquid-cooled
	Power Modules	Air-cooled
Cable Cooling		Air-cooled
User Interface Display Size		10 Inch
Payment System		RFID, credit card
Connectivity		GSM & LTE & LAN
Communication		OCPP 1.6J
Photovoltaics Input		260-825VDC, Max 40kW(Optional)
Environment Parameter		
Applicable Site		Outdoors
Ambient Temperature		-30°C to +55°C
Humidity		≤95%, No condensation
Noise		≤70dB
Altitude		≤2000m
EMC Emission		Type A
Medium		No explosive hazardous, No toxic & harmful gases.
Interference		Without strong vibration and shock, no strong electromagnetic interference
Safety		
Input Protection		Under voltage protection, over voltage protection, over current protection, over temperature protection, leakage protection,lightning protection, short circuit protection
Output Protection		Short circuit protection, over-temperature protection, communication fault protection, leakage protection, over-current protection
Emergency Protection		Set emergency stop button, leakage protection function, high-precision output insulation monitoring function
Special Protection		Ip55 protection level, anti-salt dew, moisture-proof, anti-toxic and anti-ultraviolet
Standard		
Battery		UL1973,IEC 62619, IEC61000
System Level		UL2202,UL2231,IEC 62619, IEC61851, IEC62477, IEC61000, ISO15118



# BESS EV Charging Station

## 400KW-800KW



ZECONEX Mobile Battery Energy Storage System (BESS) with an electric vehicle charger, including lithium iron phosphate battery, DC charger, fire protection system, air conditioning, etc. It is an integrated energy storage system with BMS/ACDC/DCDC/EMS functions. And it supports recharging BESS with AC/diesel generators or DC chargers.

Model	ZECO-1060400	ZECO-2138800
Input &Output		
Input Voltage	3Phase 400VAC ± 15%/50Hz	3Phase 400VAC ± 15%/50Hz
Input Current	608A max	1206A max
Output Voltage Range	150VDC-1000VDC	
Constant-Power Voltage Output Range	300VDC-1000VDC	
Nominal Power Output	400kW	800kW(400KW*2)
Current Output	350A CCS2 continuously	375A CCS2 continuously
Output AC 1	7kw/32A/230VAC± 15%/50Hz/CEE plug	
Output AC 2	44kw/64A/400VAC± 15%/50Hz/CEE plug	
Output AC 2	87kw/125A/400VAC± 15%/50Hz/CEE plug	

## SPECIFICATION

Model		ZECO-1060400-DE2	ZECO-2138800-DE1
Basic Parameter			
Charging System	Connectors	2	
	Power Distribution	2 connectors intelligent distribution	
	Charging Power	400kW	
	Cable	375A, 7m, CCS2	
	Charging Voltage	300V~1000V	
	Efficiency	≥96.5%	
Meter	AC Side	AC meter	
	DC Side	2-access DC meter	
Energy-Storage-System	Battery Capacity	1069 Kwh /LFP	2138 Kwh /LFP
	Usable Energy (SAT)	980 KWh	2050 KWh
	Max. recharge Power	400kW	800kW
	Battery Charging Rate	≤0.5C	
	Battery Discharge Rate	≤1C	
	Battery Efficiency	≥94.5% under nominal situation	
	IP Ranking	IP54	IP54
Product Specification	Type	DC charging station with Battery	
	Installation	On ground	
	Materia	Industrial Grade Alloy	
	Color	White weather-resistant coating	
	Package Dimension	2438mm*2896mm*6058mm	2438mm*2896mm*12192mm
	Net Weight	17500kg	37500kg
Cooling System	Battery Cooling	Liquid-cooled	
	Power Modules	Air-cooled	
	Cable Cooling	Air-cooled	
User Interface Display Size		7 Inch	7 Inch
Payment System		RFID, credit card	
Connectivity		4G & LTE & LAN	4G & LTE & LAN
Communication		OCPP 1.6J	
Photovoltaics Input		260-825VDC, Max 40kW(Optional)	260-825VDC, Max 40kW(Optional)
Environment Parameter			
Applicable Site		Outdoors	
Ambient Temperature		-25°C to +50°C(over45°C derating)	-25°C to +50°C(over45°C derating)
Humidity		≤95%, No condensation	
Noise		≤70dB	≤70dB
Altitude		≤2000m	
EMC Emission		Type A	
Medium		No explosive hazardous, No toxic & harmful gases.	
Interference		Without strong vibration and shock, no strong electromagnetic interference	
Safety			
Input Protection		Under voltage protection, over voltage protection, over current protection, over temperature protection, leakage protection,lightning protection, short circuit protection	
Output Protection		Short circuit protection, over-temperature protection, communication fault protection, leakage protection, over-current protection	
Emergency Protection		Set emergency stop button, leakage protection function, high-precision output insulation monitoring function	
Special Protection		IP54 protection level, anti-salt dew, moisture-proof, anti-toxic and anti-ultraviolet	
Standard			
Battery		IEC 62619, IEC61000	IEC 62619, IEC61000
System Level		IEC 62619, IEC61851, IEC62477, IEC61000, ISO15118	IEC 62619, IEC61851, IEC62477, IEC61000, ISO15118



# Mobile energy storage charging

This series of energy storage charging system is an energy storage charging power supply equipment with high charging efficiency and large energy storage capacity, which is mainly used for emergency power supply and road rescue of new energy vehicles. It has a built-in 141KWh lithium iron phosphate battery and a 120KW charging module, with an output voltage of DC200~750V. It has the functions of automatic charging, quantitative charging, timed charging, status display, charging protection and so on.



## SPECIFICATION

Model	ZECO-7060-DG1
Energy storage battery parameters	
Total power	614.4V230Ah
Group model	0~200A
Recharging current	0~200A
Discharging current	2250*1130*1030mm
Measure	141.3KW
Weight	About 1390KG
Single cell parameters	
Battery type	Prismatic Lifepo4 battery
Rated voltage/capacity	3.2V230Ah
Voltage range	2.00V-3.65V
Weight	4140g±124g
Measure	174*208*54mm
Working temperature	Discharge -20°Cto+55°C Charging 0°Cto+55°C
Cycles	More than 4000 times (1C cycle, normal temperature, capacity retention rate: 80%)
Basic parameters of charging system	
Total output power	120KW
Charging gun line length	7 meters
DC input voltage	200V-750VDC
DC input current	0~50A
AC input voltage	380VAC
AC input current	32A
Output characteristics of charging system	
Output voltage adjustment range	200V-750VDC
Output current adjustment range	0~200A
Efficiency	≥95%
Protection characteristics of charging system	
Input undervoltage protection point	200VDC
Input undervoltage protection point	750VDC
Input undervoltage protection point	Yes
Output overvoltage protection	Yes
Output overvoltage protection	Yes
Short circuit protection	Yes
Over-temperature alarm	50-60 °C
Overtemperature protection	60 °C
Charging gun overtemperature alarm	90 °C
Over-temperature protection of charging gun	105 °C
Emergency stop protection	Yes
Soft start time	5-10 seconds
man-machine interface	Yes



Commercial

# Commercial Advertising DC charger 60KW-180KW



### Innovativeness

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

### Large screen advertising revenue

55"HDV 3500cd/m²  
Remotely update AD content

### Intelligent Control

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



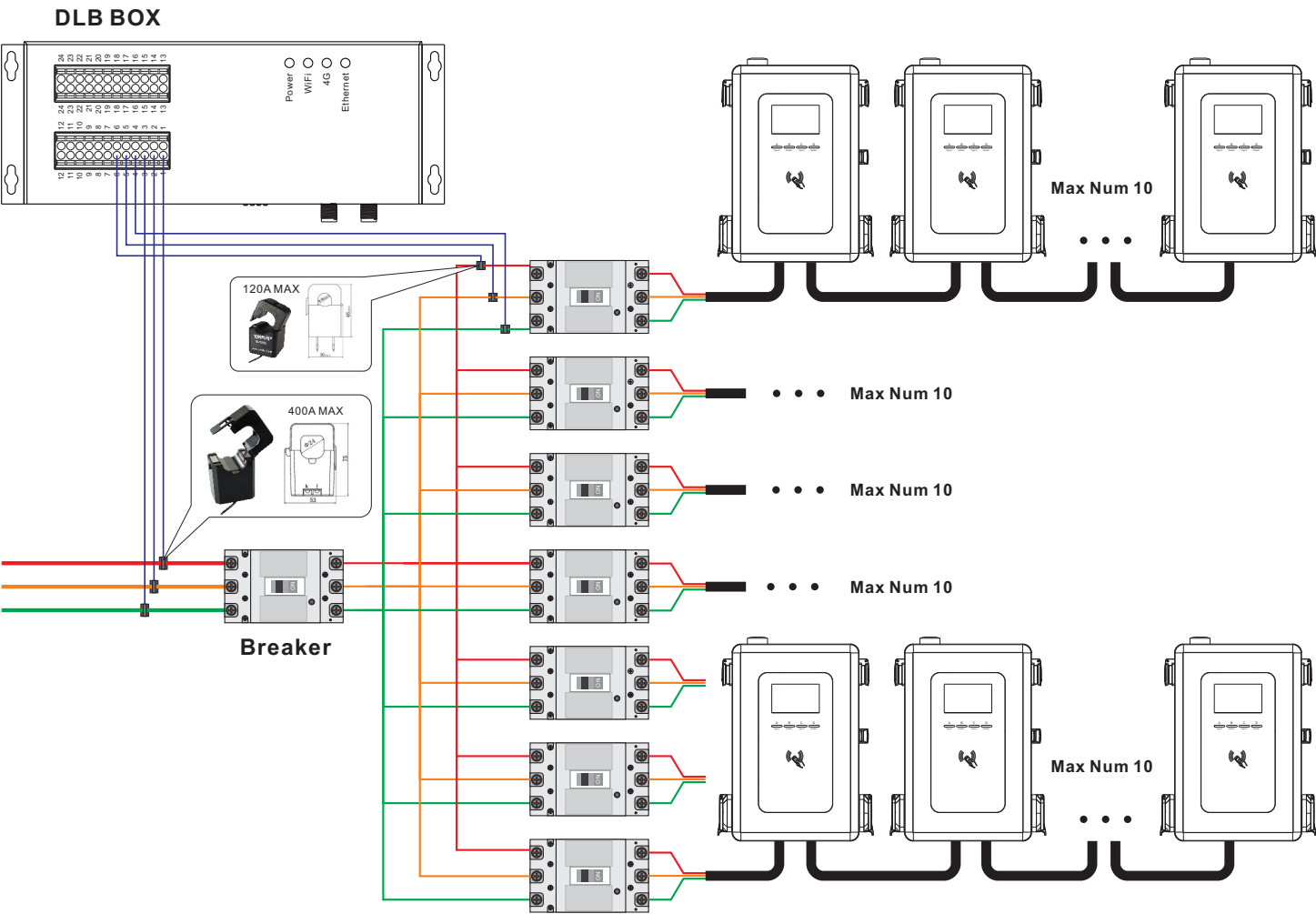
POS Payment  
Integration

## SPECIFICATION

Model	ZECO-0600-DC1	ZECO-1200-DC2	ZECO-1600-DC3	ZECO-1800-DC4
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 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			



# Load balancing for public or commerical



## SPECIFICATION

Model	ZECO-CT8
<b>General</b>	
Dimension (mm):	H:35 x W: 60 x D: 152
Weight:	500G
Over-voltage category:	OVC II
Insulation class:	II
Rated power:	3 W
Current measurement range:	CT*12PCS: ± 0~120 A (MAX cross-section: 16 mm <sup>2</sup> ) CT*3PCS: ± 0~400A (MAX cross-section: 24 mm <sup>2</sup> )
Power supply:	12VDC 1A
Installation system:	single to three phase
Terminals	Grid terminal terminal / 4G / LAN / Wi-Fi terminal /power supply terminal
Mounting	DIN rail
Warranty	3 years
<b>Connect to the server through the OCPP1.6J protocol</b>	
<b>Operating conditions</b>	
Operating temperature:	-25°C to +55°C
Ingress protection	IP30
Relative humidity	0 - 90%
Altitude	0-2000 m
Indoor use	Yes
<b>Connectivity</b>	
Wi-Fi	2.4 GHz 802.11b/g/n
Bluetooth	BLE 4.2
4G	LTE-FDD B1/ B3/ B5/ B7/ B8/ B20/ B28 LTE-TDD B38/ B40/ B41
Ethernet	ISO/IEEE 802.3u
Regulations	EU Type Examination Certificate (Module B)
confirming compliant with	Radio Equipment Directive 2014/53/EU
Article 3.1.a	Health and Safety
Article 3.1.b	EMC
Article 3.2	Effectively uses and efficient use of radio spectrum





# Project Cases



## ODM of APP and ocpp cloud platform



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