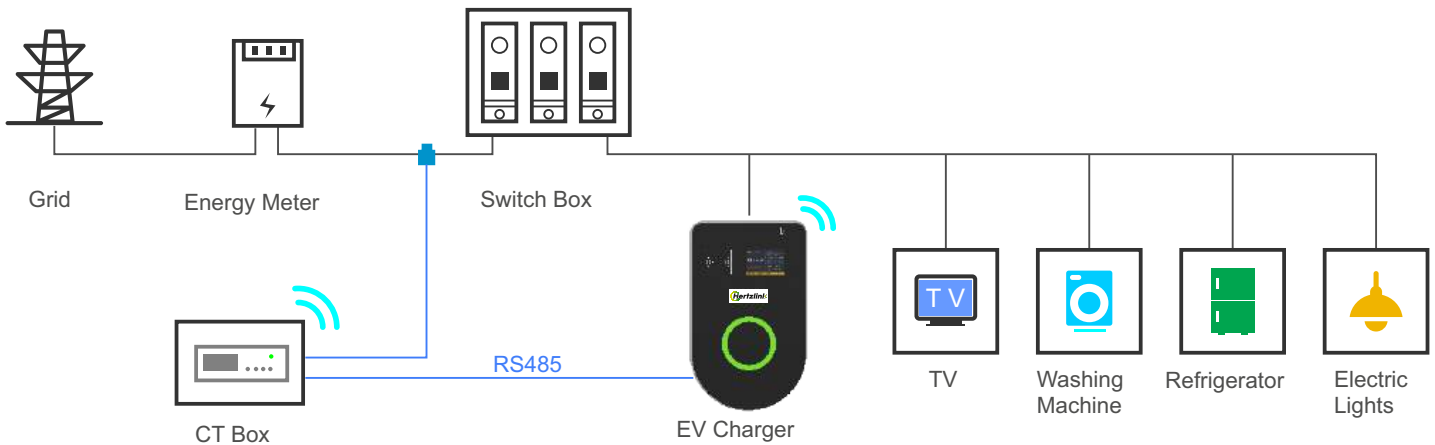# Hertzlink

One Stop
EV Charger Solution

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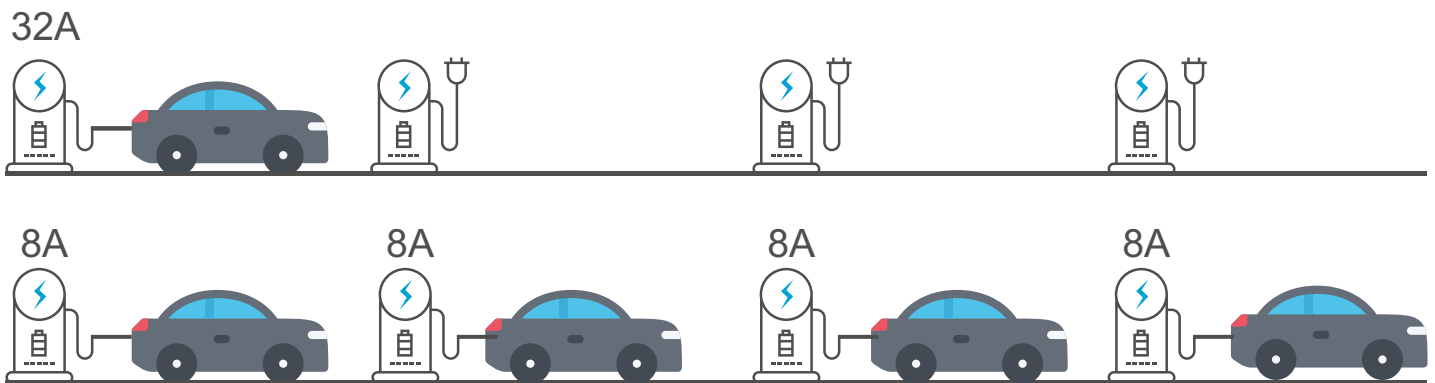
CT box monitors the total energy consumption and reports to the management system. The system controls the charging power of each individual charger automatically to avoid overloading when chargers and other loads are being used simultaneously.

Grid   Energy Meter   Switch Box

RS485   TV   Washing Machine   Refrigerator   Electric Lights
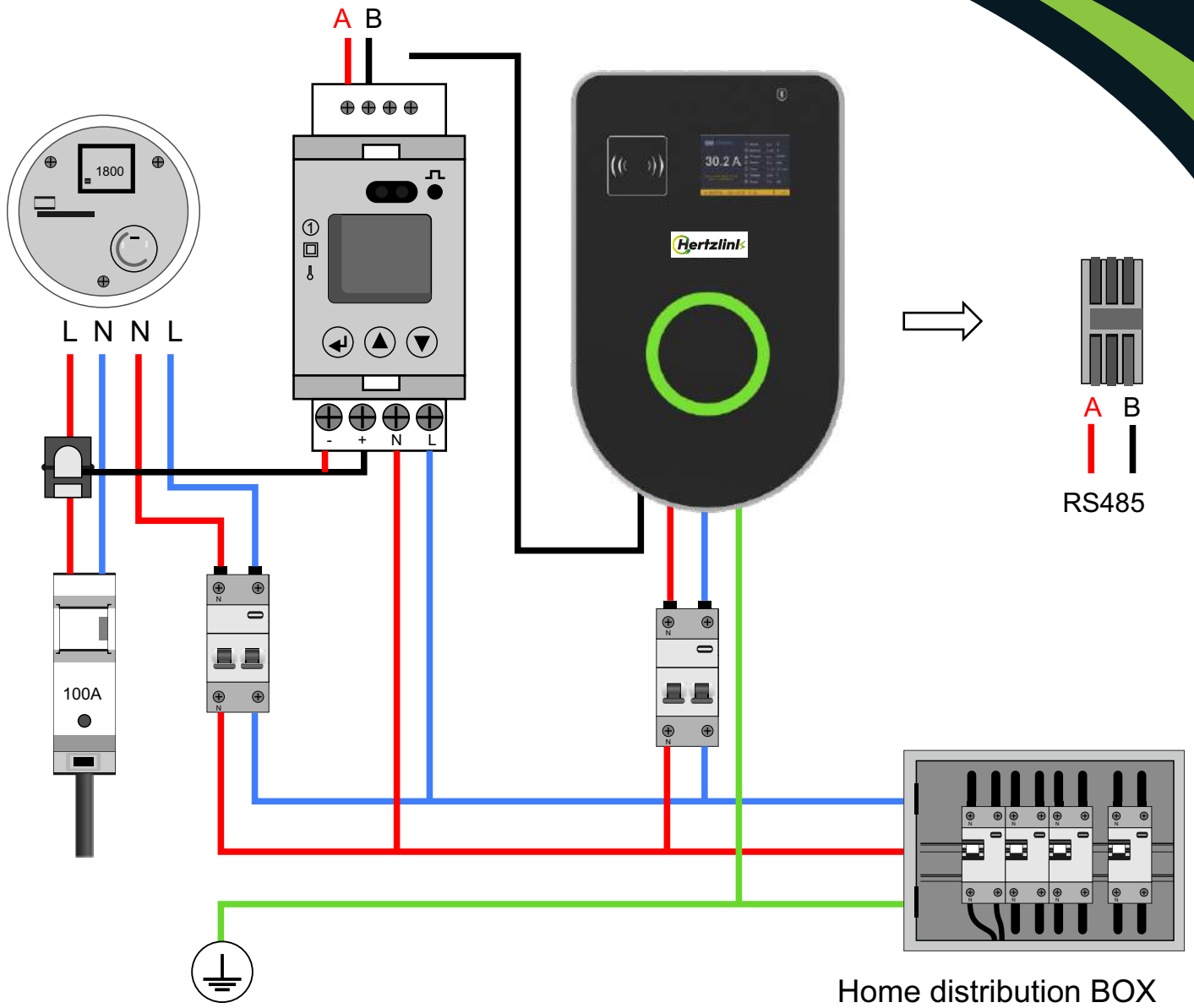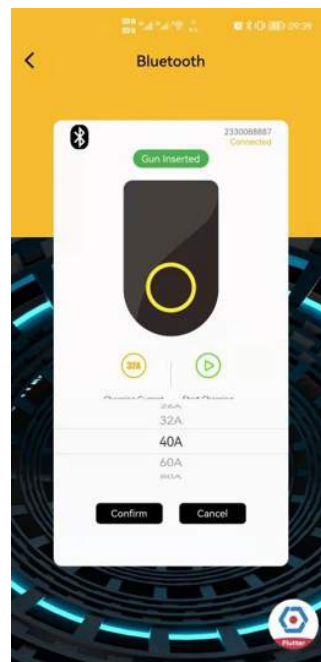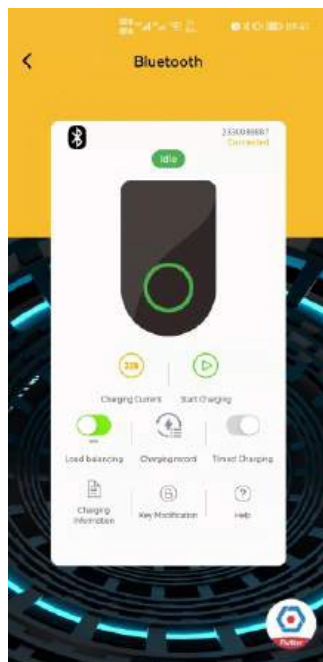
CT Box   EV Charger

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.

32A

8A   8A   8A   8A

A B

1800

L N N L

- + N L

100A

30.2 A

Hertzlinks

A B

RS485

Home distribution BOX

Bluetooth

233008887
Connected

Idle

Charging Current   Start Charging

Load balancing   Charging record   Timed Charging

Charging
Information   Key Modification   Help

Bluetooth

233008887
Connected

Gun Inserted

28A
32A
40A
60A
80A

Confirm   Cancel

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 station or provide the service for other charger operators. All solutions are white-lebelled and can be customized to meet your customer's needs.

| Grid | Transformer | Distribution Box | Cloud Platform | Management System |
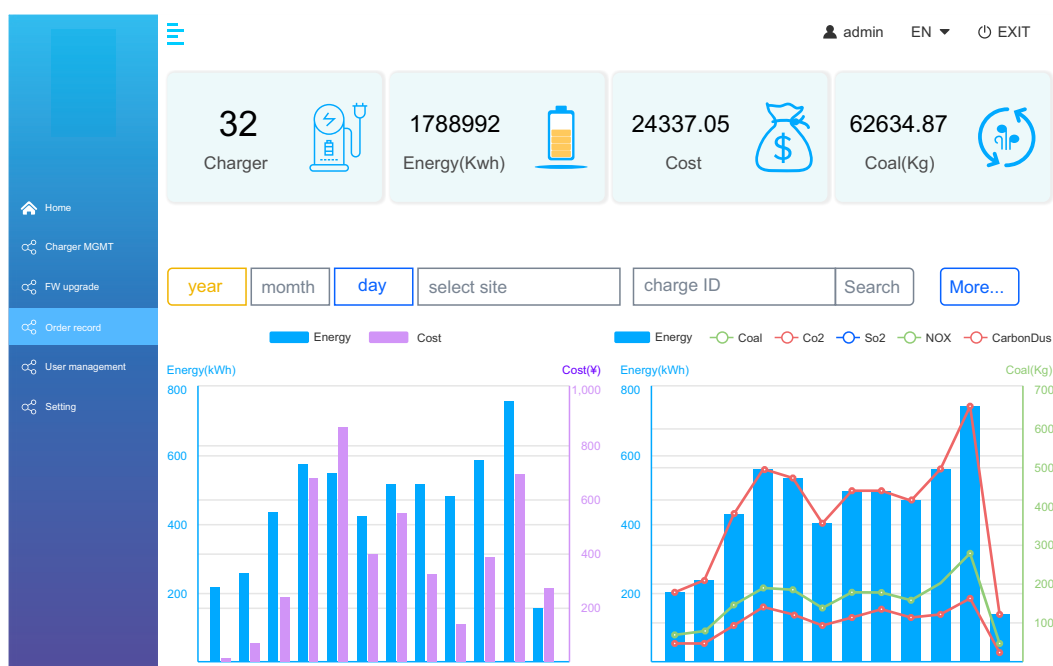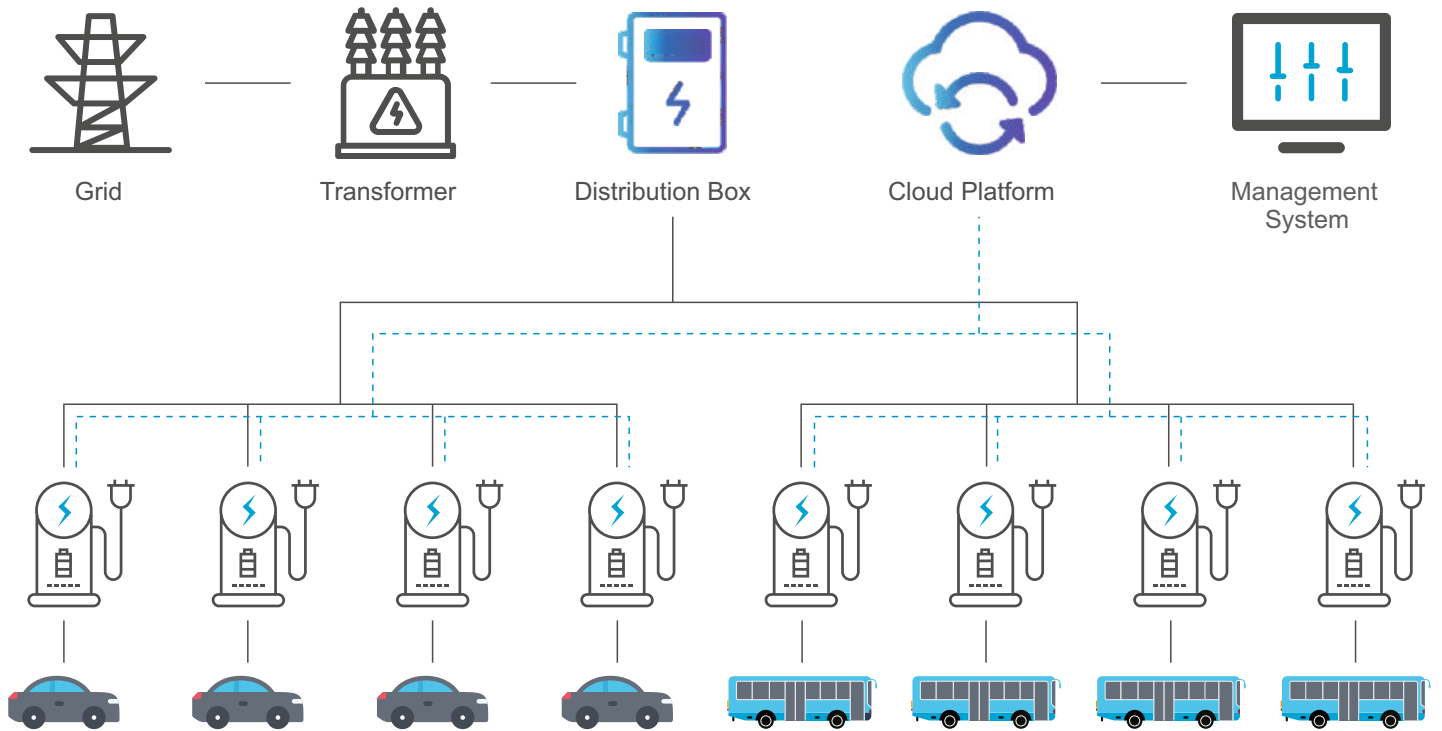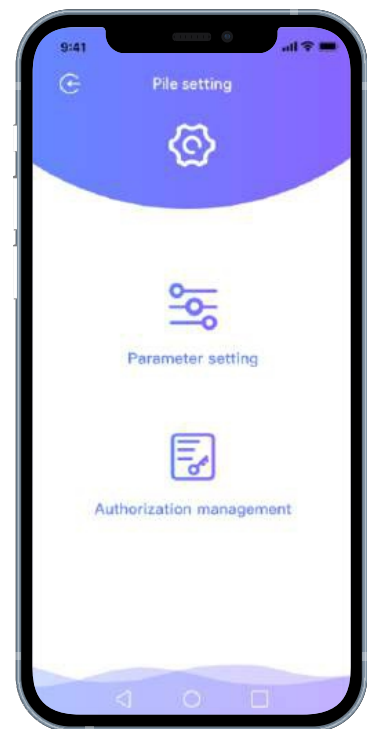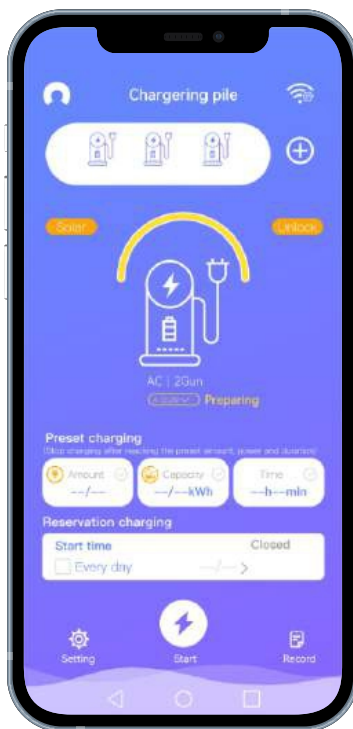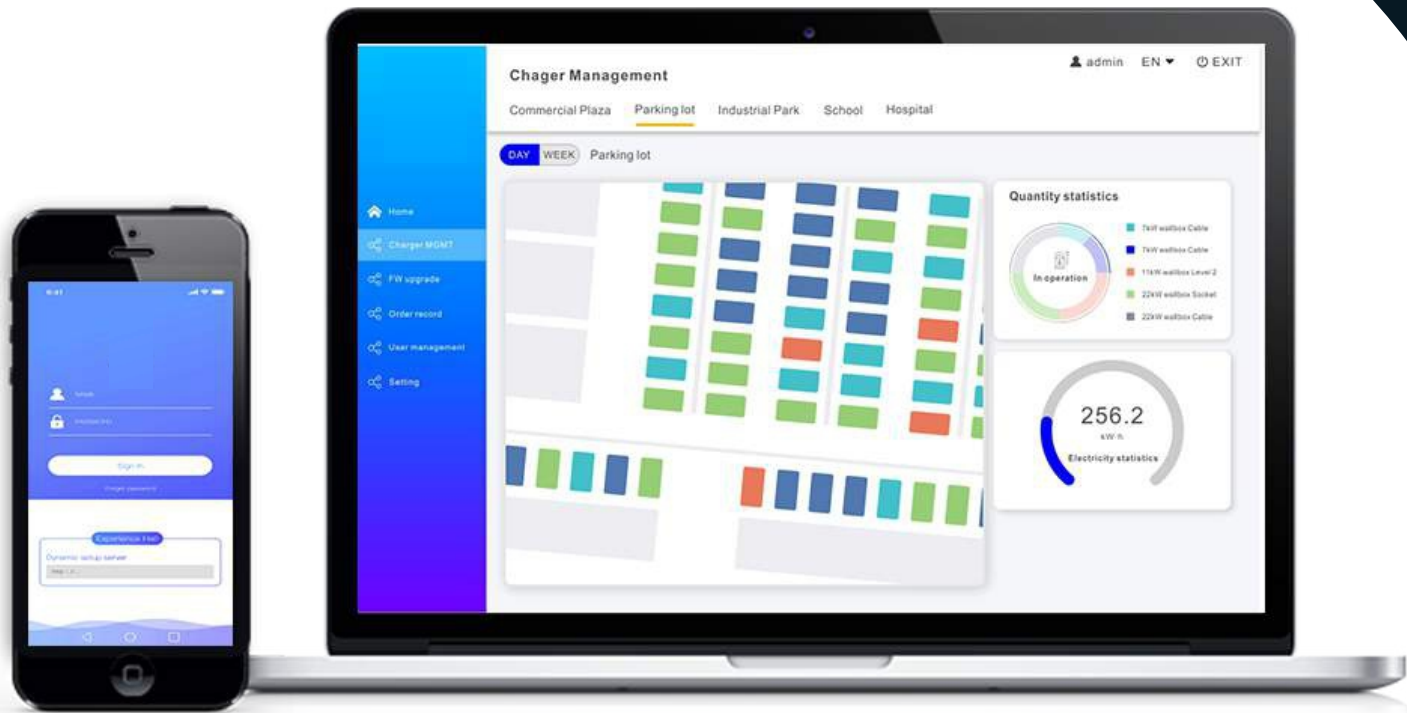
Cloud Platform

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 balance 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)

Solar Inverte System

Parking System

Roaming Hub

EMSP

OCPI

OCPI

OCPI

OCPI

OCPI

APP

Mobile APP

OCPI

OCPI

Management System

Cloud Platform

OCPP
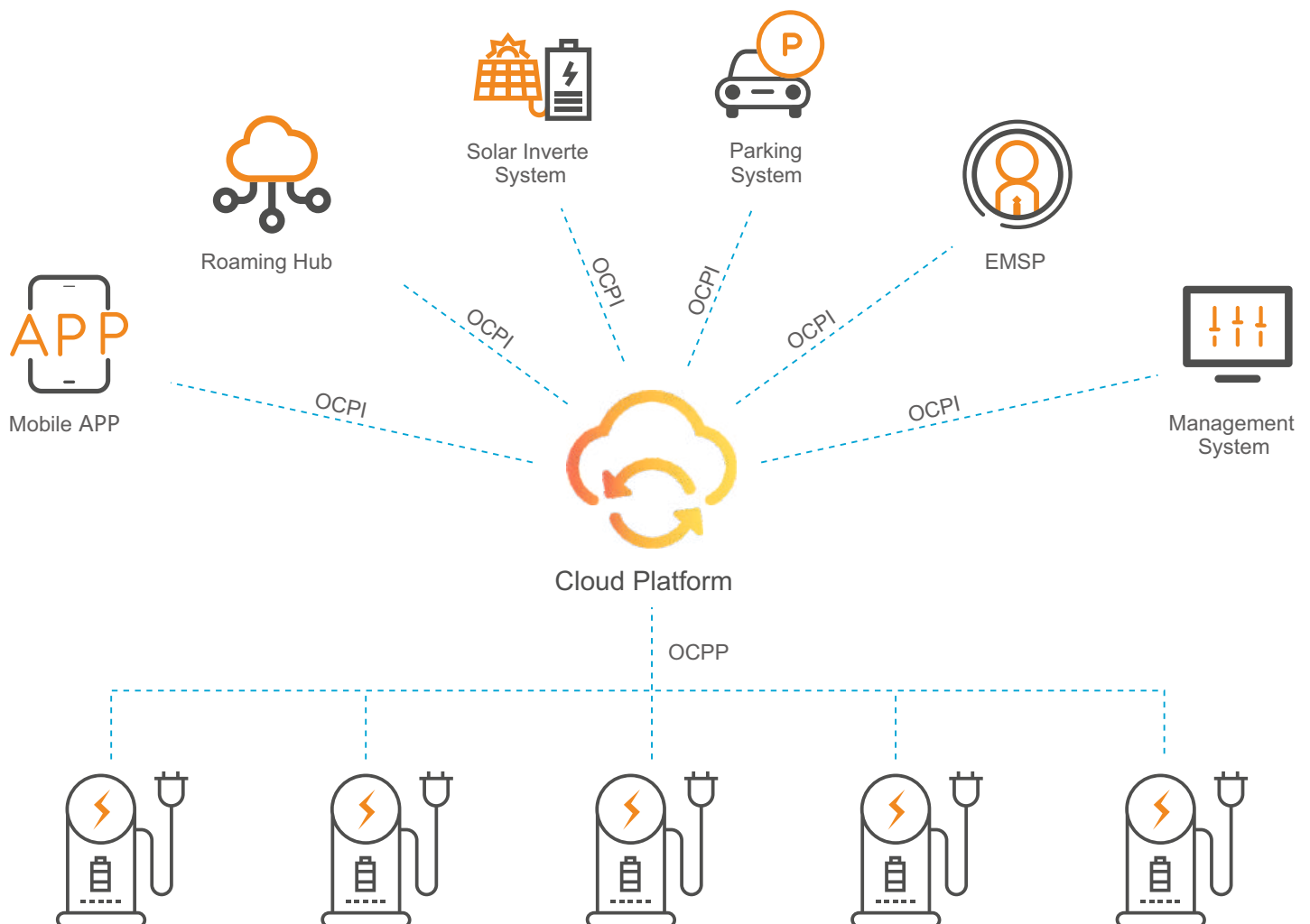
Mobile App

The charging App connects EV drivers with charging station, so that they can easily find a charger and enjoy charging service. It enable 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.
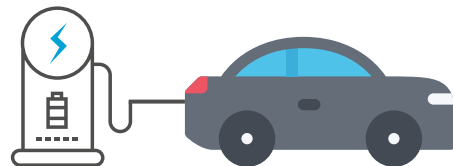
2 Plug the charging cable into EV.

3 Scan QR code to start charging.

4 Stop charging in the App and settle payment automatically.

Portable AC EV Charger 230V 3.5KW/7.2KW

European Standard / AC EV Charger

Brief introduction

Plug and charge, charging is so simple.

EVC Link portable EV charger is specially designed for electric car owners to charge their car at home. This portable electric vehicle charger is safe, simple and smart. When you get home, you only need to connect the gun, the home electric vehicle charger automatically starts charging, and it automatically stops charging when it is full, which can guarantee your Electric cars start every day with full power

Electrical Protection: Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection

Schuko Plug

NEMA6-20P Plug

NEMA Plug

Blue CEE

Specifications

	MODEL	HEVC-LP16	HEVC-LP32
Input	Number of phase	1 Phase	1 Phase
	Rated Voltage	230V AC	230V AC
	Rated Current	8A, 10A, 13A, 16A Adjustable	8A,10A,13A,16A,20A, 25A,32A Adjustable
	Frequency	50/60Hz	50/60Hz
Output	Output Voltage	230V AC	230VAC
	Maximum Current	16A	32A
	Rated Power	3.5KW	7.2KW
User Interface	Power Cord Plug	Schuko	
	Charge Connector	Type 2 Plug	
	Cable Length	5m	
	Enclosure	Plastic PC940	
	OLED Indicator	Yes	
	Display	Adjustable current	
	Start Mode	Plug & Play	
Safety	Ingress Protection	IP54	
	Impact Protection	IK08	
	Certification	CE	
	Standard	IEC 61851-1: 2019, IEC 61000-6-1: 2019	
	Warranty	2 years	
Environment	Work Temperature	"-20°C ~ +50°C"	
	Work Humidity	5% - 95%	
	Work Altitude	<2000m	
Package	Product Dimension	210*88*50mm (H*W*D)	
	Package Dimension	350*320*60mm (L*W*H)	
	Net weight	2.5kg	

Portable EV Box

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

SAE1772 Type 1   Schuko Plug   NEMA6-20P Plug   NEMA Plug   Blue CEE
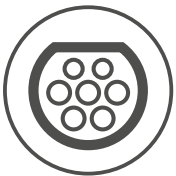
IEC62196-2(Type2)

Specifications

Model	HEVC-LP3.5K	HEVC-LP7K
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	5Mcable,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℃ to +55℃	
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 with Cable

Safe and fast

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(Type2)

Specifications

Model	HEVC-LW7K-HC1	HEVC-LW11K-HC2	HEVC-LW22K-HC3
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

Home EV Wallbox with Socket
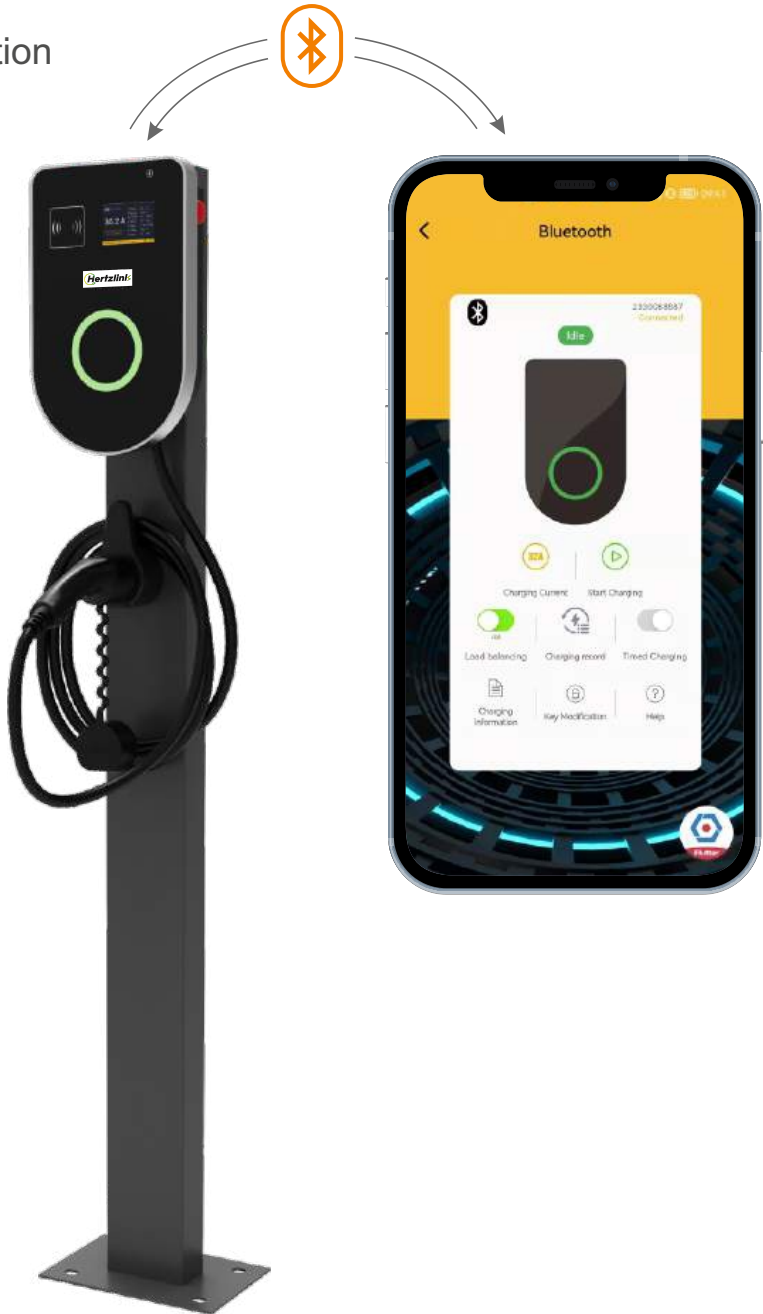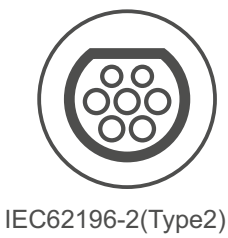
Safe and fast

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

Specifications

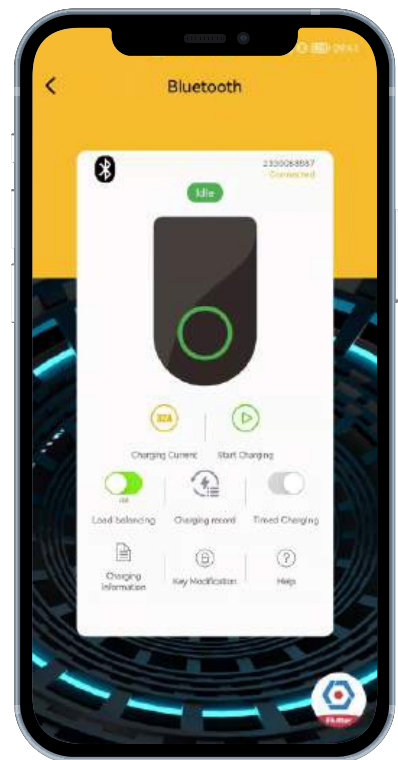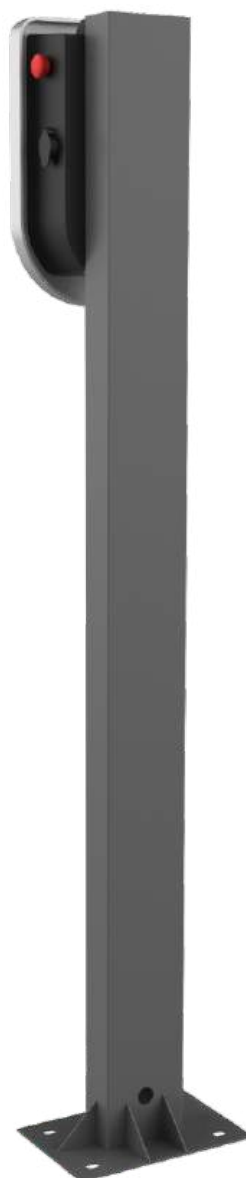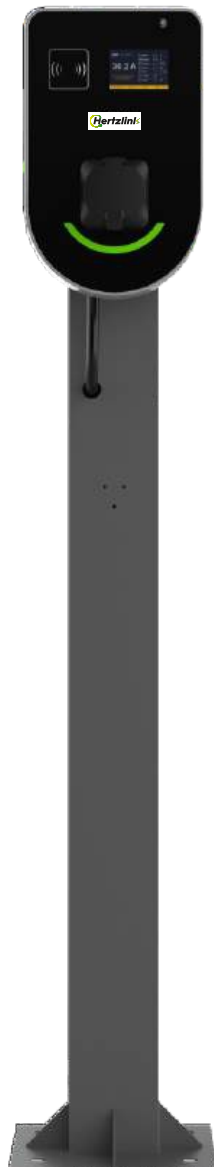| Model	HEVC-LW7K-HS1	HEVC-LW11K-HS2	HEVC-LW22K-HS3
Technical features			
Charging capacity	Up to 7KW	Up to 11 KW	Up to 22KW
Input/Output power	230VAC±20%-50/60Hz-32A-1phase	400VAC±20%-50/60Hz-16A-3phase	400VAC±20%-50/60Hz-32A-3phase
RCD	30Ma RCD Type A and DC 6Ma RCD function		
Standby power	<3W		
Measuring accuracy	1%		
Load balancing	CT+Meter(Optional)		
PEN Protection	Optional		
Communication	Bluetooth/WIFI(Optional) APP		
User interface	LED/LCD(3.5")/ RFID(mifare iso& IEC 14443A)		
Certificate/Compliance	CE / EN/IEC 61851-1：2019, EN/IEC 61851-21-2:2018		
Charging Interface	Type 2 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	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	462*325*270(L*W*H)mm		
Net Weight	4.5Kg	5.3Kg	5.5Kg
Gross Weight	5. 0Kg	5.8Kg	6.0Kg

Home EV Wallbox Level2

Safe and fast

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

Flexible Option

Level 2 : 32A / 40A / 48A
Wall-mount or floor-stand installation
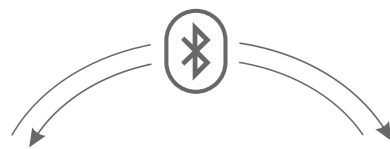
Specifications

Model	HEVC-LW32A	HEVC-LW40A	HEVC-LW50A
Technical features			
Charging capacity	Up to 7.5KW	Up to 9.6 KW	Up to 12KW
Input/Output power	85-265VAC-50/60Hz-32A-1phase	85-265VAC-50/60Hz-40A-1phase	85-265VAC-50/60Hz-48A-1phase
RCD	30Ma RCD Type A and DC 6Ma RCD function		
Standby power	<3W		
Measuring accuracy	1%		
Communication	Bluetooth/WIFI(Optional) APP		
User interface	LED / LCD(3.5'') / RFID(mifare iso& IEC 14443A)		
Input Plug	NEMA 14-50(Optional)		
Certificate/Compliance	NEC 625, SAE J1772, UL 817, UL 991, UL 2231, UL 225, and UL 2594.		
Charging Interface	SAE J1772 32A 5M	SAE J1772 40A 5M	SAE J1772 48A 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°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

Public EV Wallbox with Cable

Simple and intelligent

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

Secure and fast

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

Specifications

Model	HEVC-LW7K-PC1	HEVC-LW11K-PC2	HEVC-LW22K-PC3
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 cable / 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

Public EV Wallbox with Socket

Simple and intelligent

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

Secure and fast

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

Specifications

Model	HEVC-LW7K-PS1	HEVC-LW11K-PS2	HEVC-LW22K-PS3
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		
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

1Phase AC EV Charger 230V 7KW Socket

Brief introduction

Plug and charge, charging is so simple.

A6 home EV charger is specially designed for electric car owners to charge their car at home. This home electric vehicle charger is safe, simple and smart. When you get home, you only need to connect the gun, the home electric vehicle charger automatically starts charging, and it automatically stops charging when it is full, which can guarantee your Electric cars start every day with full power

Specifications

Model Number		HEVC-LS32S
Input	Number of phase	L+N+PE
	Rated Voltage	230V AC
	Rated Current	32A
	Frequency	50/60Hz
Output	Output Voltage	230V AC
	Maximum Current	32A
	Rated Power	7KW
User Interface	Power Cord Plug	Schuko
	Charge Connector	Socket
	Cable Length	5m
	Enclosure	Plastic PC940
	LED Indicator	Yes
	LCD Display	Option
	Start Mode	Plug&Play
Safety	Ingress Protection	IP54
	Impact Protection	IK08
	Certification	CE
	Standard	IEC 61851-1:2017 IEC 62196-2:2016
	Warranty	2 years
Environment	Work Temperature	"-20°C ~ +50°C"
	Work Humidity	5% - 95%
	Work Altitude	<2000m
Package	Product Dimension	345*211*122mm (H*W*D)
	Package Dimension	380*280*160mm (L*W*H)
	Net weight	4.0kg
	Gross weight	5.0kg
	External Package	Carton

1Phase AC EV Charger 230V 7KW Plug

Brief introduction

Plug and charge, charging is so simple.

A6 home EV charger is specially designed for electric car owners to charge their car at home. This home electric vehicle charger is safe, simple and smart. When you get home, you only need to connect the gun, the home electric vehicle charger automatically starts charging, and it automatically stops charging when it is full, which can guarantee your Electric cars start every day with full power

Specifications

Model Number		HEVC-LS32P
Input	Number of phase	L+N+PE
	Rated Voltage	230V AC
	Rated Current	32A
	Frequency	50/60Hz
Output	Output Voltage	230V AC
	Maximum Current	32A
	Rated Power	7KW
User Interface	Power Cord Plug	Schuko
	Charge Connector	Type 2 Plug
	Cable Length	5m
	Enclosure	Plastic Pc940
	LED Indicator	Yes
	LCD Display	Option
	Start Mode	Plug&Play
Safety	Ingress Protection	IP54
	Impact Protection	IK08
	Certification	CE
	Standard	IEC 61851-1:2017 IEC 62196-2:2016
	Warranty	2 years
Environment	Work Temperature	"-20°C ~ +50°C"
	Work Humidity	5% - 95%
	Work Altitude	<2000m
Package	Product Dimension	345*211*122mm (H*W*D)
	Package Dimension	380*280*160mm (L*W*H)
	Net weight	5.0kg
	Gross weight	6.0kg
	External Package	Carton

Pro EV Wallbox with Cable

Simple and intelligent

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

Secure and fast

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

IP65

Specifications

Model	HEVC-LC7KP-C	HEVC-LC11KP-C	HEVC-LC22KP-C
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 cable/ 5M Cable SAE J1772 32A 5M (optional)	Type 2 cable/ 5M Cable SAE J1772 40A 5M (optional)	Type 2 cable/ 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

Pro EV Wallbox with Socket

Simple and intelligent

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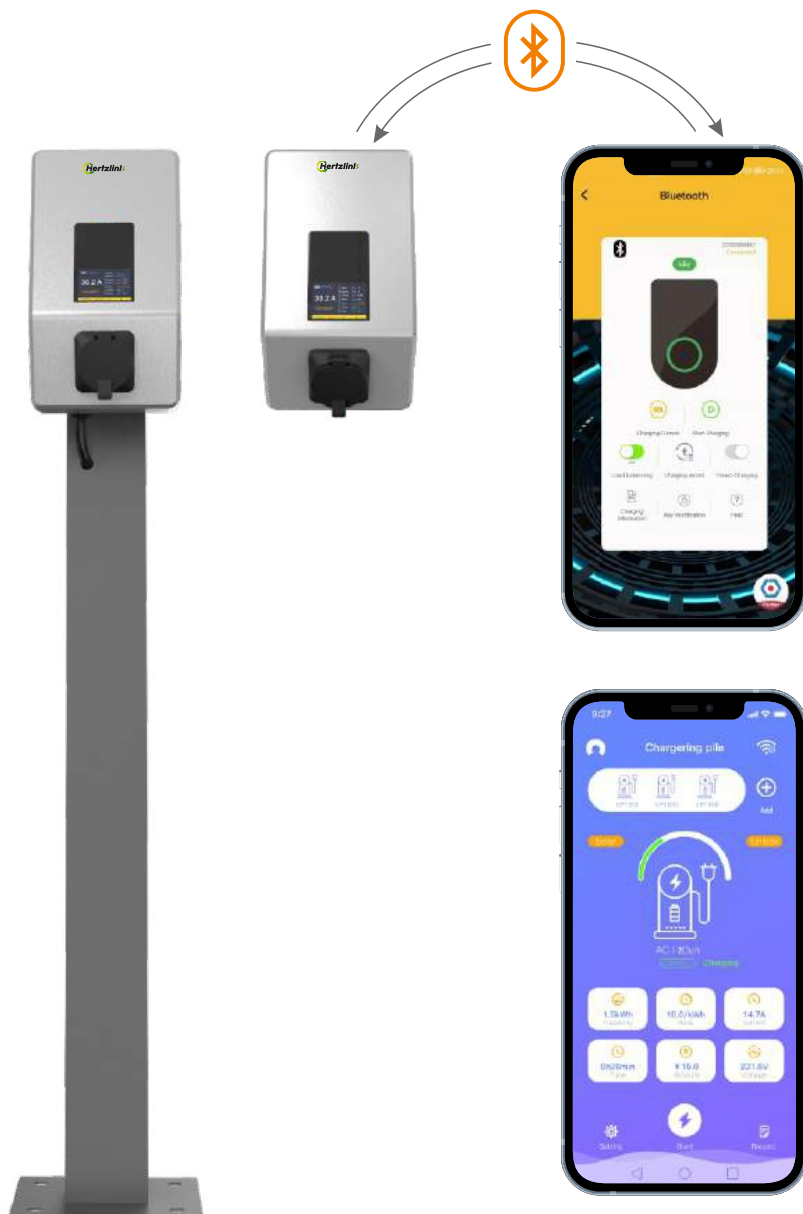
Secure and fast

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

IP65

Specifications

Model	HEVC-LC7KP-S	HEVC-LC11KP-S	HEVC-LC22KP-S
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 SAE J1772 32A 5M (optional)	Type 2 socket SAE J1772 40A 5M (optional)	Type 2 socket 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

Energy storage series

WALL MOUNT

Y-storage is designed to be mounted as an aesthetic display on any indoor wall in your home and business.

SLEEK

Low profile and customizable with LED lighting.

APP CONTROLLED

Mobile app gives you visibility and control over your energy usage.

SCALABLE

Y-storage is expandable through supplement panel + units. The more units and add, the more resilient your power becomes.

SMART

Automatically stores energy when electricity is cheap and discharges power to any circuit in the house when the price rises, thereby lowering power bills.

SAFE

Automatically stores energy when electricity is cheap and discharges power to any circuit in the house when the price rises, thereby lowering power bills.

5KW-20KW
the battery capacity
For Clean energy

Specifications

Model	HEVC-LCE7.5K	HEVC-LCE10K	HEVC-LCE15K	HEVC-LCE20K
Battery capacity	7.5KW	10KW	15KW	20KW
Nominal power rating (off-grid output at 25°C)	5KW	8KW	8KW	8KW
Nominal power rating (off-grid output at 25°C)	4KW	7KW	7KW	7KW
PV input current	11A+11A	22A+22A	22A+22A	22A+22A
PV input Voltage	100~500V			
MPPT range	125~425V			
Efficiency	>97%			
AC output Voltage	50/60Hz, 120/240Vac(split phase), 208Vac(2/3 phase), 230Vac (single phase)			
AC output Current	20.8A	35A	35A	35A
Max AC current (charging/discharging)	22.5A	38. 5A	38.5A	38.5A
Battery Type	Lead-acid or lithium-ion			
Battery voltage range	40-60V			
Battery current Max. (charging/discharging)	100A	190A	190A	190A
Tare losses	60W			
Transfer switch	Automatic,integrated			
Communication	Ethernet/WIFI/Bluetooth/RS485/CAN			
User interface	APP			
Display	LCD and LED			
Security design	PV Input Lightning Protection,Insulation Resistor Detection ,PV String Input Reverse Polarity Protection ,Anti-islanding Protection,Residual Current Monitoring unit,Output Over Current Protection,Output Shorted Protection,Output Over Voltage Protection			
Certifications and standards	Grid regulation:UL1741, IEEE1547, RULE21, VDE 0126, AS4777, NRS2017, G98, G99, IEC61683, IEC62116, IEC61727 Safety regulation:IEC62109-1, IEC62109-2 EMC:EN61000-6-1, EN61000-6-3, FCC 15 class B			
Physical properties				
Warranty	10 year or 10,000 cycle system warranty – includes inverter, battery modules, cabinet and components.			
Application place	Indoor/Outdoor IP54			
Installation method	Wall mount			
Sound noise	<55DB in all directions			
Operating temperature	-20°C to +50°C			
Humidity	Max.95%(non-regulating)			
Dimensions	1600*550*400mm			
Package Dimension	1750*600*450(L*W*H)mm			
Net Weight	95Kg	125Kg	160Kg	198Kg
Gross Weight	105Kg	135Kg	172Kg	210Kg

Twin Pedestal Series Cable

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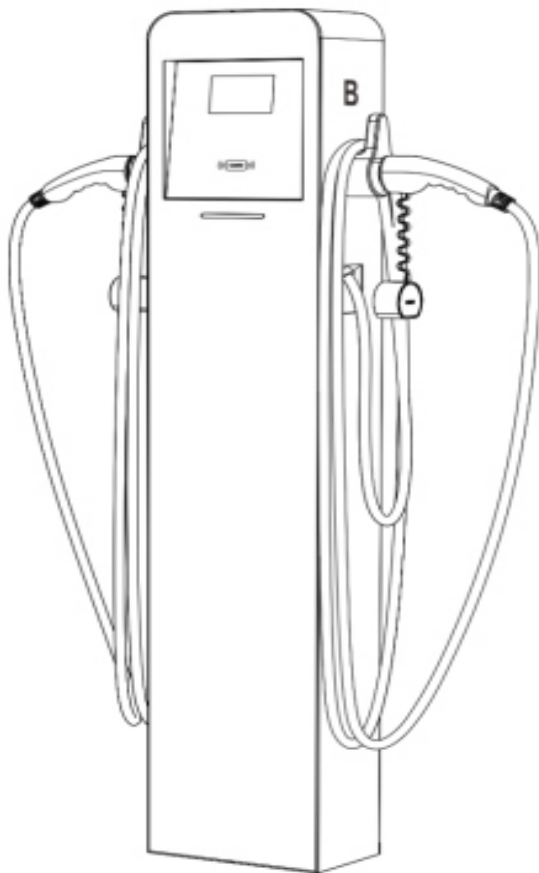
One charger with two output sockets
Business use with intelligent App control
Vandal resistant and anti-corrosion

Intelligent Control

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

Flexible Option

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

Specifications

Model	HEVC-LCT14K-C	HEVC-LCT22K-C	HEVC-LCT44K-C
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(5'') / RFID(mifare iso& IEC 14443A)		
Certificate/Compliance	CE / EN/IEC 61851-1:2017, EN/IEC 61851-21-2:2018		
Charging Interface	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

Twin Pedestal Series Socket
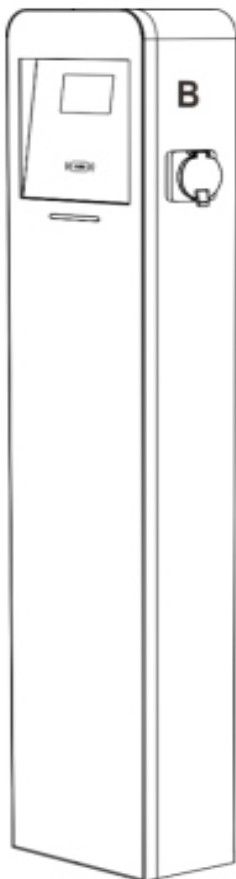
Innovativeness

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 p

Flexible Option

App operation or RFID authentication or pl
Customization with different color painting

Specifications

Model	HEVC-LCT14K-S	HEVC-LCT22K-S	HEVC-LCT44K-S
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(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		
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

Advertising pedestal series

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

49" HDV 1400cd/m^2
Remotely update AD content

Specifications

Model	HEVC-PD14K	HEVC-PD22K	HEVC-PD44K
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		
Advertising display			
LCD screen	49"IPS 1920*1080 16:9 HDV 1400cd/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°C to +55°C		
Humidity	Max.95%(non-regulating)		
Dimensions	1790*750*210(L*W*H)		
Weight	<120Kg		

MINI DC Series

20KW-30KW-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.

Fast and Safety

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

Simple control

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

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.

Specifications

Model	HEVC-LCMD20K	HEVC-LCMD30K	HEVC-LCMD40K
Technical features			
Max Power	Up to 20KW	Up to 30KW	Up to 40KW
Input/Output power	400VAC±10%-50/60Hz-3phase	400VAC±10%-50/60Hz-3phase	400VAC±10%-50/60Hz-3phase
Power factor	0.98		
Efficiency	>93%		
Measuring accuracy	Level 0.5		
Output voltage range	CCS: 250~1000VDC		
Output current range	0-33A	0-40A	0-53A*2
Communication	Ethernet/WIFI/4G/Bluetooth/OCPP 1.6 Json (OCPP 2.0 optional)		
User interface	RFID card and APP(Bluetooth)		
Display	LCD 7 inch Touch Screen		
Versatility	EN/IEC 61851-1: 2019, EN/IEC 61851-23: 2014		
Energy Meter	PTB 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 5-7.5M	CCS2 Cable 5-7.5M	CCS2 and CHAdeMO 5M-7.5M
Physical properties			
Warranty	2 years		
Application place	Indoor / outdoor		
Installation method	Wall mount, pedestal mount (optional)		
Sound noise	<55DB in all directions		
Operating temperature	-20°C to +50°C		
Humidity	Max.95%(non-regulating)		
Product Dimensions	480*560*160mm		
Package Dimension	500*600*200(L*W*H)mm		
Net Weight	35Kg	45Kg	55Kg
Gross Weight	40Kg	50Kg	60Kg

Super DC Series

90-150KW 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 150kW
Constant power from 250~1000V voltage,
less heat with smaller current

Flexible Option

One charger with two outputs,
simultaneously charging
Two CCS2 DC connectors,
with output up to 150kW
Constant power from 250~1000V voltage,
less heat with smaller current

Intelligent Control

Ethernet/4G/Wi-Fi communication all
supported OCPP 1.6 communication
protocol with CMS Intelligent operation by
App and cashless payment

Secure and Safe

Type A RCD for residual current protection
PTB certified energy meter with accurate
measurement ISO15118 prepared for
advance feature of plug & charge

Specifications

Model	HEVC-LCSD90K	HEVC-LCSD120K	HEVC-LCSD150K
Technical features			
Max Power	Up to 90KW	Up to 120KW	Up to 150KW
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: 250~1000VDC		
Output current range	0-165A	0-200A	0-250A
Communication	PLC (between charger & vehicle)　　Ethernet/4G/Wifi/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	CCS　2Plugs 7M or 10M(Optional)		
Energy Meter	PTB 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)		
Product Dimensions	750*770*1900mm		
Package Dimension	800*850*2000(L*W*H)mm Wooden packing		

AC*DC 3-IN-1 Charger

AC & DC Integration

One charger with three outputs, simultaneously charging
One AC connector : Type 2, with output up to 22kW
Two DC connectors : CCS1/CCS2 and CHAdeMO, with output up to 60kW

Intelligent Control

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
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
MID certified AC meter and PTB certified DC meter ISO15118 prepared for advance feature of plug & charge

Specifications

Model	HEVC-LCAD60K		
Technical features			
Max input power	60kW		
Input voltage	400VAC±10%-50/60Hz-3phase		
Power factor	0.98		
Charger model	AC output	CCS2	CHAdeMO
Max. Output power	22KW	60KW	60KW
Output voltage range	400V±10%	250-1000VDC	200-500VDC
Output current range	0-32A	0-120A	0-120A
Efficiency	>99%	>95%	>95%
Connection standard	EN 61851-1:2019	IEC/EN 61851,IEC/EN 62196	CHAdeMO 1.0
Connector type	Type 2 5M	CCS2 5-7M	CHAdeMO 5-7M
Energy Meter	PTB certified	MID certified	PTB certified
Communication	Ethernet/4G/Wifi/OCPP 1.6J(optional)		
User interface	LCD 7 inch Touch Screen / RFID card and APP		
Security design	Over/under voltage protection, overload protection, current leakage protection, grounding protection,lightening surge protection		
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)		
Product Dimensions	750*770*1900mm		
Package Dimensions	800*850*2000(L*W*H)mm Wooden packing		

Accessories of Charging Mode3

Mechanical Properties

Mechanical life: no-load plug>10000times
Impact of external force : can afford 1m drop and 2t vehicle run over pressure

Electrical Performance

The rated current: 16A, 32A
Insulation resistance:>1000MΩ(DC500V)
Withstand voltage:2000V

The rated voltage: 250V
Pins temperature rise:<50K
Contact impedance:0.5mΩMax

Applied Materials

Shell Material : thermo plastics, flame retardant grade UL94-V0
Pin : Copper alloy, silver

Environmental Performance

Operating temperature: -30°C ~ + 50°C

Features

1) Conform to the provisions and requirements of 62196-2 IEC 2010 SHEET 2-IIe

2) The product assembly conforms to IEC 61851-1 2010 charging mode 3 connection mode B2

3) Adopt no screw riveting pressure process, beautiful appearance, Hand-held design conforms to the principle of ergonomics, convenient plug and pull

4) Reliable materials, flame retardant, pressure resistance, abrasion resistance, impact resistance, high oil resistance

5) Excellent protection performance, IP 65 protection level of the plug (working state) high security

Product Specification and Cable Standard

Charging Cable

Model	Cable Type	Rated Current/Voltage	Cable Specifications
HC522-P/250	Type2 - Type2	16A/250V	H07BZ5 - F3X2.5mm² +2x0.5mm²
HC522-F/250	Type2 - Type2	32A/250V	H07BZ5 - F3X6mm² +2x0.5mm²
HC522-P/480	Type2 - Type2	16A/480V	H07BZ5 - F5X2.5mm² +2x0.5mm²
HC522-F/480	Type2 - Type2	32A/480V	H07BZ5 - F5X6mm² +2x0.5mm²
HC521-P/250	Type2 - Type1	16A/250V	H07BZ5 - F3X2.5mm² +2x0.5mm²
HC521-F/250	Type2 - Type1	32A/250V	H07BZ5 - F3X6mm² +2x0.5mm²

Adaptor

Model	Adaptor Type	Rated Current/Voltage	Adaptor Specifications
HA0521-P/250	Type2 - Type1	16A/250V	H07BZ5 - F3X2.5mm² +2x0.5mm²
HA0521-F/250	Type2 - Type1	32A/250V	H07BZ5 - F3X6mm² +2x0.5mm²
HA0521-P/480	Type2 - Type1	16A/480V	H07BZ5 - F5X2.5mm² +2x0.5mm²
HA0521-F/480	Type2 - Type1	32A/480V	H07BZ5 - F5X6mm² +2x0.5mm²

AC Charging Socket

Model	Charging Socket Type	Rated Current/Voltage	Charging Socket Specifications
HS05-P/250	Socket	16A/250V	H07BZ5 - F3X2.5mm² +2x0.5mm²
HS05-F/250	Socket	32A/250V	H07BZ5 - F3X6mm² +2x0.5mm²
HS05-P/480	Socket	16A/480V	H07BZ5 - F5X2.5mm² +2x0.5mm²
HS05-F/480	Socket	32A/480V	H07BZ5 - F5X6mm² +2x0.5mm²

Hertzlink

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