

# Solutions

- Parking lot charging solutions
- Public commercial charging solutions

We have accumulated rich experience and achieved extensive technical research results in EV charging solutions



# Factory

*strong R&D advantages and a stable production base*



With more than 12,000 square meters of production plants and more than 50 researchers, the factory has strong R&D advantages and a stable production base in Shenzhen, China.

The daily output of AC EV charger is 2,000 units, the daily output of DC EV charger is 300 units. Annual cumulative shipment is more than 100,000 units.

# Cooperation Cases





Participate in domestic and foreign exhibitions

# Exhibitions



# Our Products

The main products include 3.5KW to 44KW AC EV charging piles, 20KW to 480KW DC EV charging stations, Split type DC Charging Stations and AC/DC all-in-one charging stations for home, commercial and public use.

All products come with 2-year warranty and have passed CE, ROHS certification and ISO quality system certification.

# Our Products

## AC EV Charging Stations



3.5kw/7kw/11kw/22kw  
(wall-mounted)



3.5kw/7kw/11kw/22kw  
(column type)



3.5kw/7kw/11kw/22kw  
(wall-mounted)



3.5kw/7kw/11kw/22kw  
(column type)



7kw/11kw/22kw  
(ground-mounted)



7kw/11kw/22kw  
(ground-mounted)

# Parking Lots EV Charging Solutions



# Our Products

DC EV Charging Stations



20kw/30kw  
(wall-mounted)



20kw/30kw (portable)



30kw-120kw  
(ground-mounted)



160kw-240kw  
(ground-mounted)



300kw-480kw  
(ground-mounted)



## Commercial EV Charging Solutions



# Our Products

*Others*



240kw-480kw (Split type)



AC+DC All-in-one type



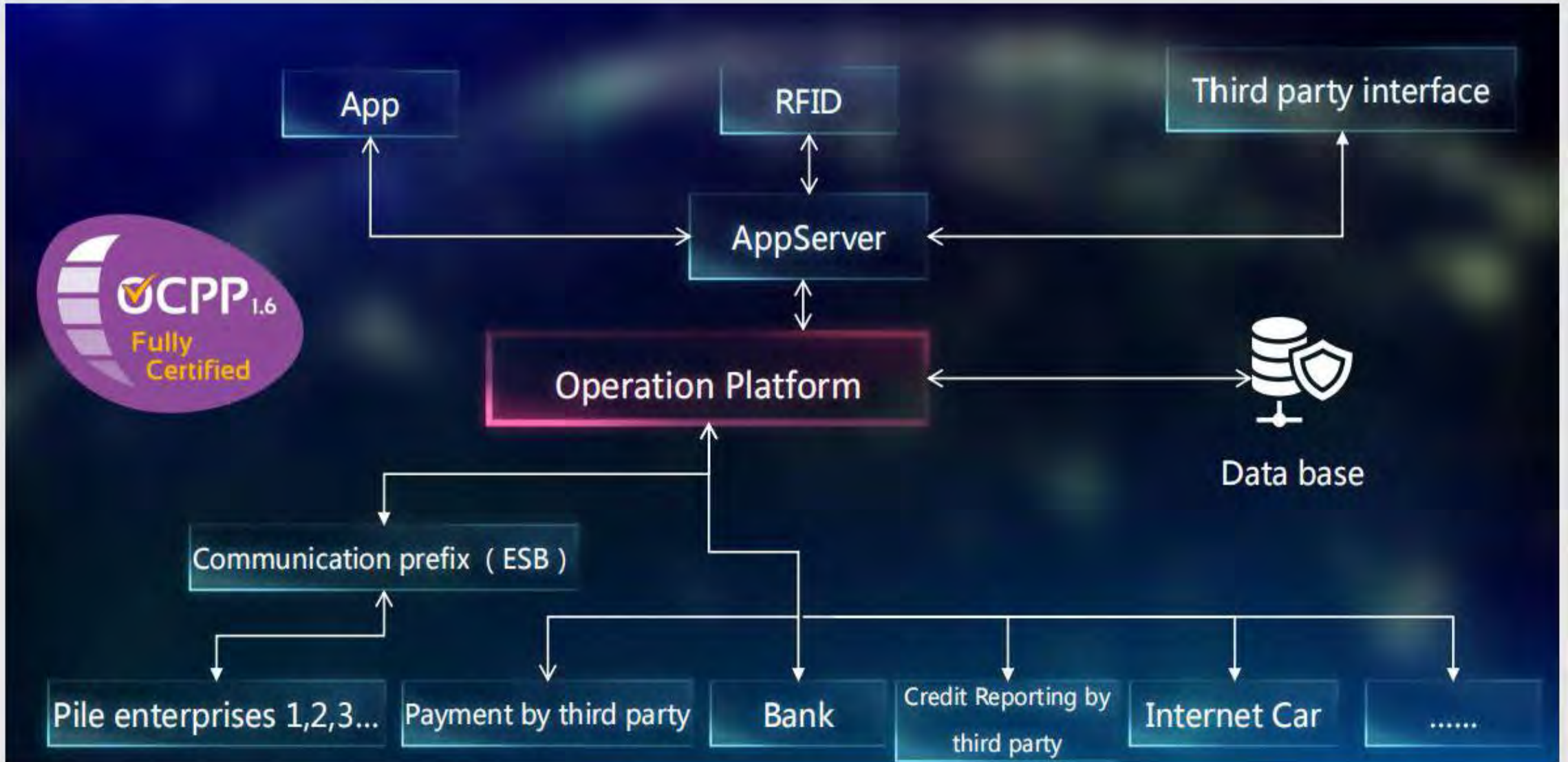
# Public EV Charging Solutions



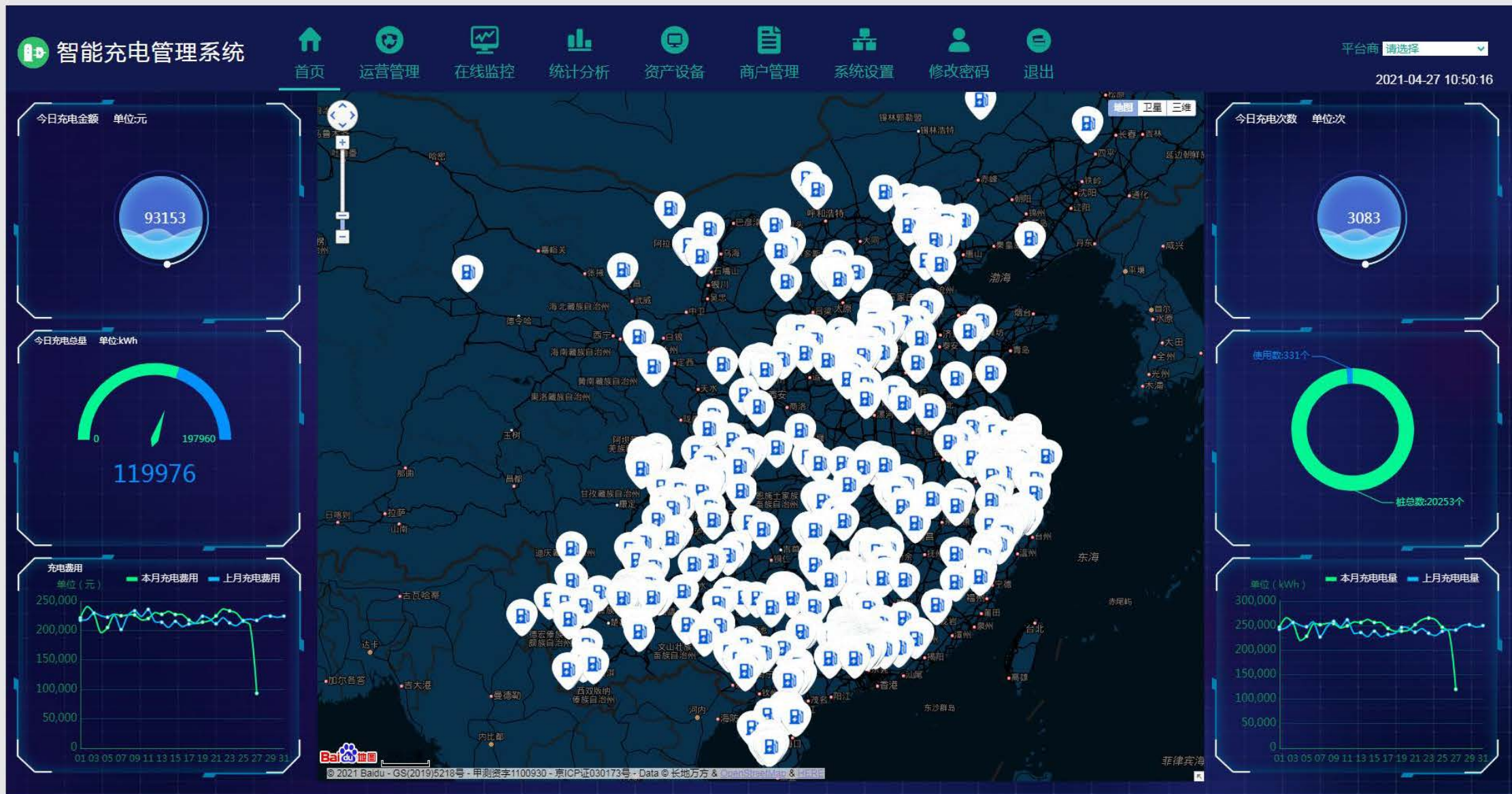
## What added value does our product have?

- ✓ We are a first-hand factory, and our partners are large enterprises such as State Grid. Therefore, it is competitive in the industry in terms of price, quality and after-sales service. We have a professional engineering team in this field and will solve problems for customers throughout the process.
- ✓ Our quality control system is based on ISO 9001, ISO 14001, ISO 45001 quality production management system, the raw material part has incoming inspection, the production process has in-process inspection, the testing process has final inspection, packaging and delivery inspection, and the product obtains the corresponding laboratory report, so you can be assured of product quality question.
- ✓ If you want to build a charging station, we have experienced engineers who can analyze and explain to customers and give suggestions. We will escort customers throughout the process.

# System Diagram of Management : Smart Charging with OCPP 1.6J



# China Operating Platform Main Interface



# Why Choose US



R&D



Design



Production



Sales



Service



Operation

## Factory Direct

*First-hand resources  
competitive prices*

## Service

*Customized to meet all your  
specific needs  
A reliable manufactory*

## Fast And Safe

*Short production cycle  
Fast delivery  
Strictly tested before shipment*



*We strive to provide customers with the best user experience, high quality assurance and reasonable price to be the most reliable supplier.*



- Professional R&D, high product completeness
- Stable production base to create a global manufacturing closed-loop ecological chain
- Strong delivery ability, complete supply chain production system



- Core qualifications, establish reliable brand
- Rapid response, scene depth customization solution
- Integrate resources and serve customers with industrial chain thinking



# Our Advantages

- **Complete variety;** AC and DC charging station equipment of national standard, European standard, American standard, and Japanese standard can be used;
- **Wide coverage:** AC piles involving 3.5KW, 7KW, 11KW, 14KW, 22KW, 42KW, 84KW; DC piles: 7KW, 15KW, 20KW, 30KW, 40KW, 60KW, to 480KW can be produced; AC-DC integrated charging stations can also be customized according to demand;
- **Wide practicability:** Different pile types can be selected according to different environments and different needs; for example, AC piles can be wall-mounted, column-type, and floor-mounted; DC piles can be selected from portable, wall-mounted, integrated, and split types;
- **Intelligent:** Through the intelligent cloud platform, online and offline real-time monitoring of charging pile data can be realized through intelligent management of the entire network, intelligent control, intelligent maintenance, and comprehensive extension of the integration of the Internet of Vehicles system;
- **Convenience:** Through the charging software, you can view the idle charging piles, filter the types of AC and DC piles, and guide users to charge, which is convenient and fast, and has complete functions. We can provide customized APP services.

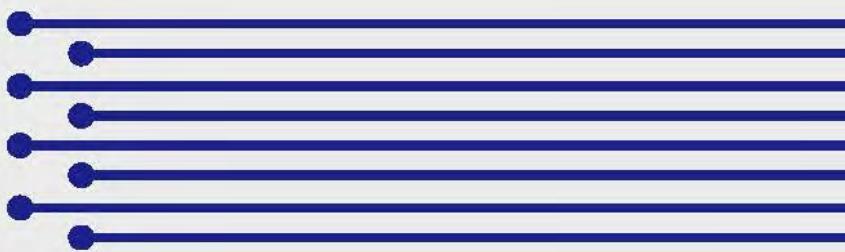


Come to us and  
we are always here  
to assist you with.

- ❑ Don't know what kind of EV charging piles fit your needs?
- ❑ Don't know how to build EV charging stations?
- ❑ Don't know how to make your own operation platform?
- ❑ Searching for a new manufactory or supplier?
- ❑ Would like to become one of our distributors or partners?

# True Blue

Trading Internationally since 1980



## New Energy Vehicle Charging Overall Solution



## SOLUTIONS



The Solution for Charging Network Operators



The Solution of Special Charging for New Energy Vehicles



The Charging Solution for Car Rental



The Solution for Local Government Charging Project



The Charging Solution for Parking Lots of Commercial Buildings



The Charging Solution for Emergency Rescue



The Charging Solution for Expressway Service Station



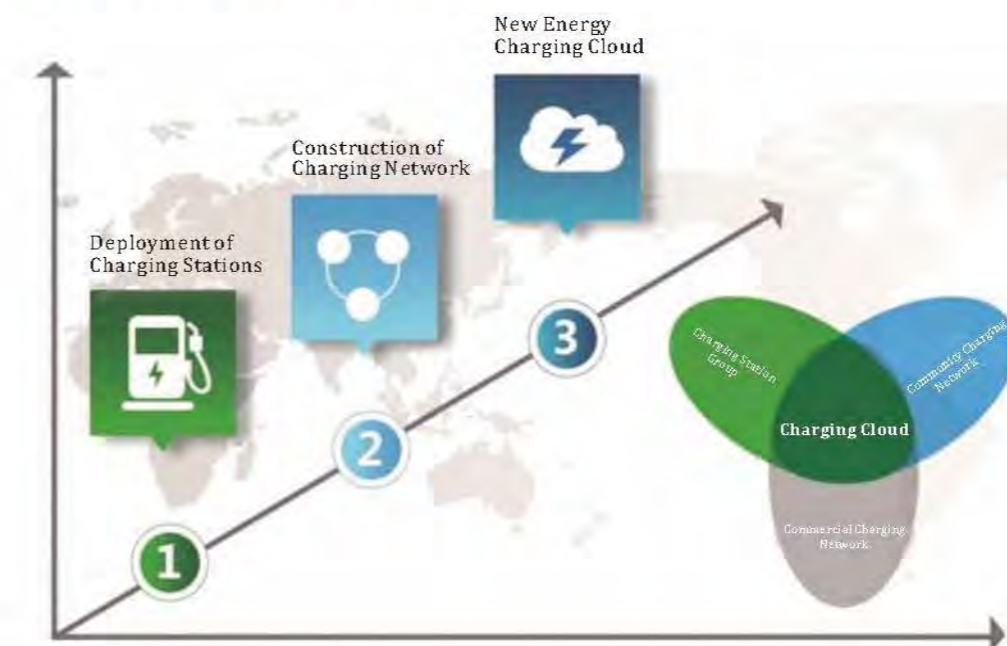
The Solution for Optical Storage and Charging

## The Solution for Charging Network Operators

- Applicable objects:** This scheme is applicable to charging pile network operators and product operators.
- Features:** Seamless connected with Wechat and mobile APP, it realizes the convenience for charging, guidance, service, etc. as well as the characteristics of instant charging, simple operation, easy tracking and convenient use.
- Applicable Scenes:** Urban areas and surroundings, intercity expressway.

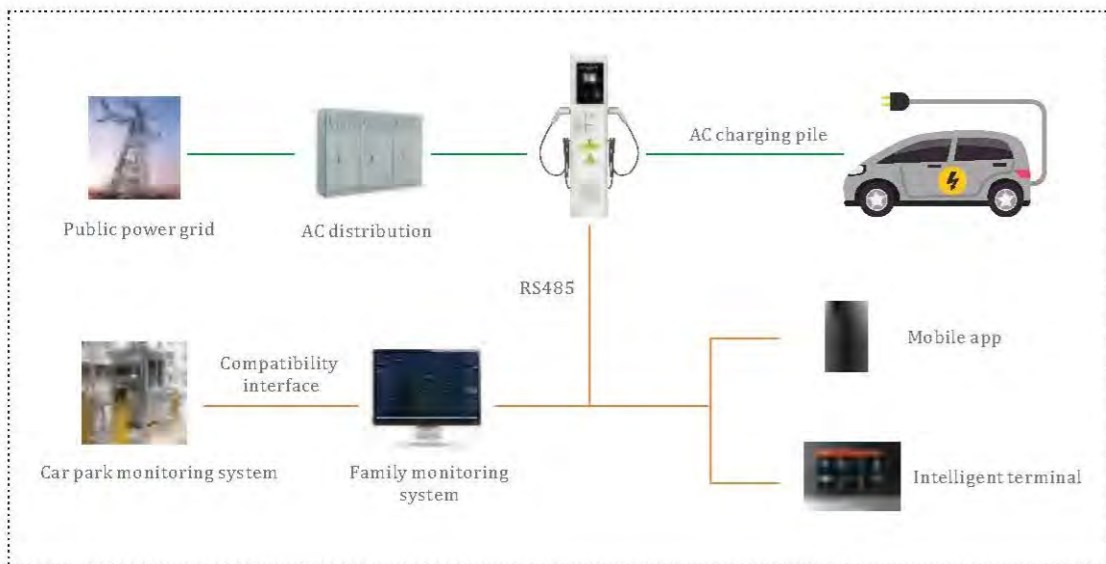


## Applicable Scenes:

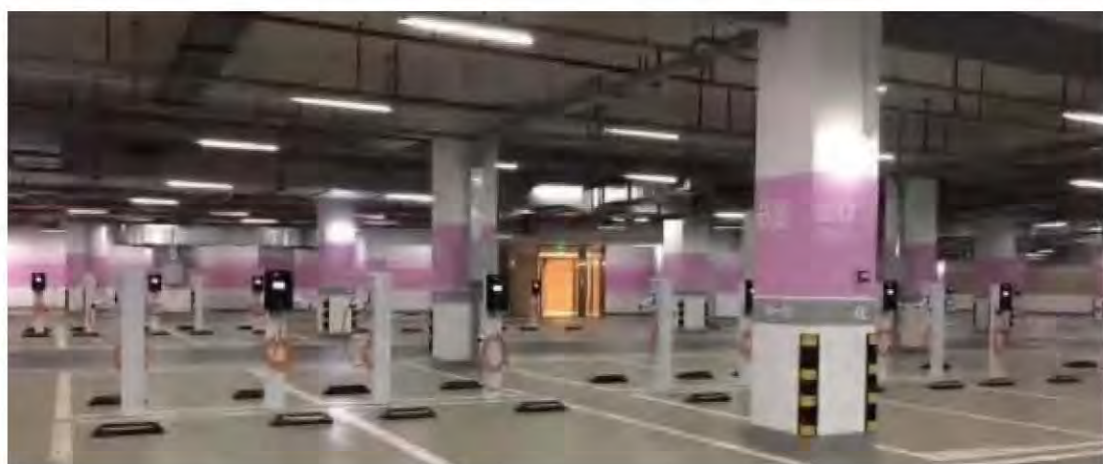


## The Solution of Special Charging for New Energy Vehicles

- Applicable objects:** The manufacturers of new energy vehicles.
- Features:** Starting from the details and considering for customers, it makes charging safer, more economical and more convenient.
- Applicable Scenes:** Residential Quarters and Users of New Energy Vehicles.

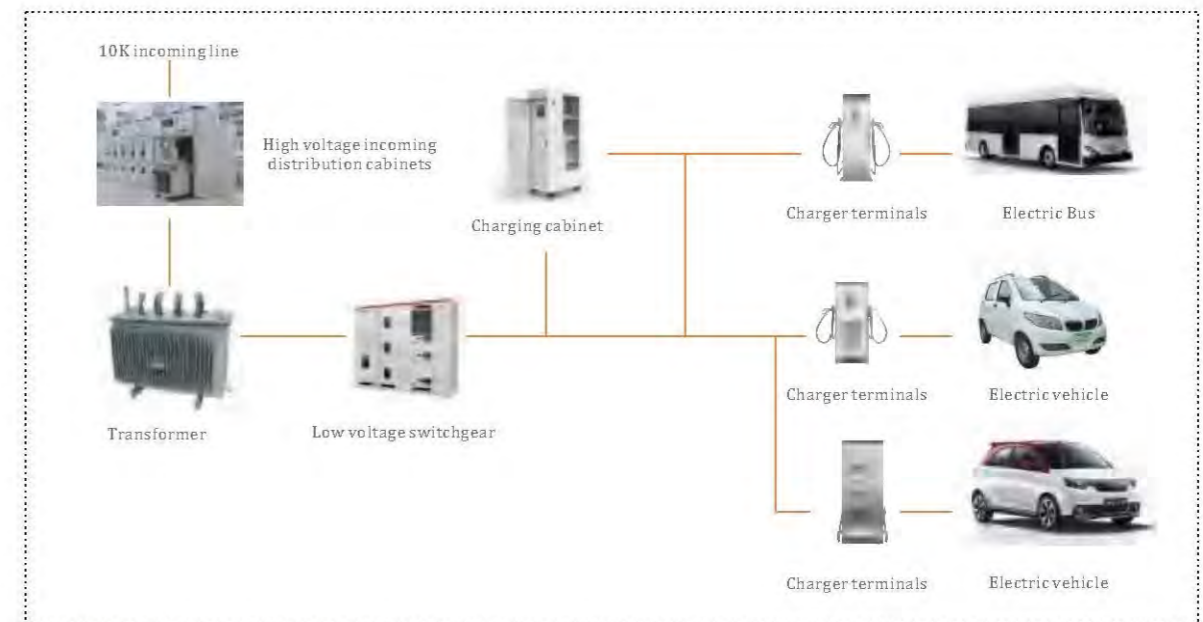


### Intelligent terminal



## The Charging Solution for Car Rental

- Applicable objects:** Bus groups, car rental companies, commercial real estates.
- Features:** Combined with special network solutions, intelligent operation management systems, and power and safety monitoring systems, it is safe, reliable and efficient to meet the needs of electric vehicles.
- Applicable Scenes:** Bus stops, logistics centers, leasing companies and operating locations.



### Intelligent terminal



## AC Charging Pile 3.5KW/7KW/11KW/22KW



size:L258\*W165\*H378(mm)



size:L324\*W199\*H1461(mm)

### Features:

- Delicate appearance, simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 4.3-inch/7 inch color touch screen(optional);
- Support multiple modes of charging, operation management and payment;
- Support Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support Type-2 connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as private villas, residential areas, commercial office buildings, urban complex parking lots or urban public charging stations that can charge slowly for a long time; or applied for 4S stores of new energy vehicles, workshop debugging areas, road rescue of new energy vehicles and other occasions that require frequent change of charging station sites or temporary power supply.

S. NO.	Parameters	Requirements			
General Requirements					
1	EV Charger Type	AC			
2	Charger Capacity	3.5KW	7KW	11KW	22KW
3	Product Model NO.	ENC-ACB/L003P5A-S ANSI-ACB/L003P5A-S	ENC-ACB/L007A-S ANSI-ACB/L007A-S	ENC-ACB/L011A-S ANSI-ACB/L011A-S	ENC-ACB/L022A-S
4	Mounting	Wall-Mounted/Column Type			
Input Requirements					
5	AC Supply System	Single-Phase, 3 Wire AC system		Single-Phase, 3 Wire AC system(ANSI) Three-Phase, 5 Wire AC system(ENC)	
6	Nominal Input Voltage	AC220V±15%(ENC) AC240V±15%(ANSI)		AC380V±15%(ENC) AC240V±15%(ANSI)	AC380V±15%
7	Input Frequency	50±3Hz			
Environmental Requirements					
8	Ambient Temperature Range	-25 to 55°C			
9	Ambient Humidity	5 to 95%			
10	Storage Temperature	-40 to 70°C			
Mechanical Requirements					
11	IP Ratings	IP 55			
12	Cooling	Natural Cooling			
Output Requirements					
13	Number of Outputs	1			
14	Type of Each Output	AC220V±15%(ENC) AC240V±15%(ANSI)		AC380V±15%(ENC) AC240V±15%(ANSI)	AC380V±15%
15	Single Output Max. Current	16 Amp	32 Amp	16 Amp/50 Amp	32 Amp
User Interface & Display Requirements					
16	Display & Touch-Screen Size	4.3 Inches Touch Screen			
17	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login			
18	Metering Information	Consumption Units			
Communication Requirements					
19	Communication between EVSE and Central Server	OCPP 1.6J Protocol (Optional)			
20	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)			
Protection & Safety Requirements					
21	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, etc.			
22	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.			

## AC Charging Pile 3.5KW/7KW/11KW/22KW



size:L293\*W140\*H418(mm)  
size:L359\*W140\*H510(mm)



size:L324\*W136\*H1430(mm)  
size:L324\*W136\*H1430(mm)

### Features:

- Delicate appearance, simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 4.3-inch/7 inch color touch screen(optional);
- Support multiple modes of charging, operation management and payment;
- Support Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support Type-2 connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as private villas, residential areas, commercial office buildings, urban complex parking lots or urban public charging stations that can charge slowly for a long time; or applied for 4S stores of new energy vehicles, workshop debugging areas, road rescue of new energy vehicles and other occasions that require frequent change of charging station sites or temporary power supply.

S. NO.	Parameters	Requirements			
General Requirements					
1	EV Charger Type	AC			
2	Charger Capacity	3.5KW	7KW	11KW	22KW
3	Product Model NO.	ENC-ACB/L003P5A ANSI-ACB/L003P5A	ENC-ACB/L007A ANSI-ACB/L007A	ENC-ACB/L011A ANSI-ACB/L011A	ENC-ACB/L022A
4	Mounting	Wall-Mounted/Column Type			
Input Requirements					
5	AC Supply System	Single-Phase, 3 Wire AC system		Single-Phase, 3 Wire AC system(ANSI) Three-Phase, 5 Wire AC system(ENC)	
6	Nominal Input Voltage	AC220V±15%(ENC) AC240V±15%(ANSI)		AC380V±15%(ENC) AC240V±15%(ANSI)	AC380V±15%
7	Input Frequency	50±3Hz			
Environmental Requirements					
8	Ambient Temperature Range	-25 to 55°C			
9	Ambient Humidity	5 to 95%			
10	Storage Temperature	-40 to 70°C			
Mechanical Requirements					
11	IP Ratings	IP 55			
12	Cooling	Natural Cooling			
Output Requirements					
13	Number of Outputs	1			
14	Type of Each Output	AC220V±15%(ENC) AC240V±15%(ANSI)		AC380V±15%(ENC) AC240V±15%(ANSI)	AC380V±15%
15	Single Output Max. Current	16 Amp	32 Amp	16 Amp/50 Amp	32 Amp
User Interface & Display Requirements					
16	Display & Touch-Screen Size	4.3 Inches Touch Screen			
17	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login			
18	Metering Information	Consumption Units			
Communication Requirements					
19	Communication between EVSE and Central server	OCPP 1.6J Protocol (Optional)			
20	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)			
Protection & Safety Requirements					
21	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, etc.			
22	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.			

## AC Charging Pile 7KW/11KW/22KW



size:L340\*W201\*H1500(mm)

### Features:

- Delicate appearance, simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 4.3-inch/7inch color touch screen(optional);
- Support multiple modes of charging, operation management and payment;
- Support Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support Type-2/type-1/connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special AC fast charging.

S. NO.	Parameters	Requirements		
General Requirements				
1	EV Charger Type	AC		
2	Charger Capacity	7KW	11KW	22KW
3	Product Model NO.	ENC-ACL007A ANSI-ACL007A	ENC-ACL011A ANSI-ACL011A	ENC-ACL022A/B ANSI-ACL022B
4	Mounting	Ground-Mounted		
Input Requirements				
5	AC Supply System	Single-Phase, 3 Wire AC system	Single-Phase, 3 Wire AC system(ANSI) Three-Phase, 5 Wire AC system(ENC)	
6	Nominal Input Voltage	AC220V±15%(ENC) AC240V±15%(ANSI)	AC380V±15%(ENC) AC240V±15%(ANSI)	AC380V±15%(ENC) AC240V±15%(ANSI)
7	Input Frequency	50±3Hz		
Environmental Requirements				
8	Ambient Temperature Range	-25 to 55°C		
9	Ambient Humidity	5 to 95%		
10	Storage Temperature	-40 to 70°C		
Mechanical Requirements				
11	IP Ratings	IP 54		
12	Cooling	Natural Cooling	Air-cooled	
Output Requirements				
13	Number of Outputs	1	1 or 2(ENC); 2(ANSI)	
14	Type of Each Output	AC220V±15%(ENC) AC240V±15%(ANSI)	AC380V±15%(ENC) AC240V±15%(ANSI)	AC380V±15%(ENC) AC240V±15%(ANSI)
15	Single Output Max. Current	32 Amp	16 Amp/50 Amp	32 Amp/16 Amp(ENC) 50 Amp(ANSI)
User Interface & Display Requirements				
16	Display & Touch-Screen Size	4.3 Inches Touch Screen		
17	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login		
18	Metering Information	Consumption Units		
Communication Requirements				
19	Communication between EVSE and Central server	OCPP 1.6J Protocol (Optional)		
20	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)		
Protection & Safety Requirements				
21	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, etc.		
22	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.		



## DC Charging Pile 20KW/30KW



size:L340\*W201\*H1500(mm)

### Features:

- Delicate appearance, simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 4.3-inch color touch screen(optional);
- Support ccs-2/ccs-1/CHAdemo connector (or socket)optional;
- Support RFID card/ocpp1.6j(optional);
- Support Plug&Play;
- Overload integrated Protection;

### Applicable Scenes:

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special DC fast charging.

S. NO.	Parameters	Requirements	
General Requirements			
1	EV Charger Type	DC	
2	Charger Capacity	20KW	30KW
3	Product Model NO.	ENC-DCB020A ANSI-DCB020A JIS-DCB020A	ENC-DCB030A ANSI-DCB030A JIS-DCB030A
4	Mounting	Wall-Mounted	
Input Requirements			
5	AC Supply System	Three-Phase, 5 Wire AC system	
6	Nominal Input Voltage	AC380V±15%	
7	Input Frequency	45-65Hz	
Environmental Requirements			
8	Ambient Temperature Range	-25 to 55°C	
9	Ambient Humidity	5 to 95%	
10	Storage Temperature	-40 to 70°C	
Mechanical Requirements			
11	IP Ratings	IP 54	
12	Cooling	Air-cooled	
Output Requirements			
13	Number of Outputs	1	
14	Type of Each Output	DC200-750V DC150-500V(JIS)	
15	Single Output Max. Current	80 Amp	125 Amp
16	Power Factor	≥0.99(50% load above)	
User Interface & Display Requirements			
17	Display & Touch-Screen Size	7 Inches Touch Screen with Shell	
18	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login	
19	Metering Information	Consumption Units	
Communication Requirements			
20	Communication between EVSE and Central server	OCPP 1.6J Protocol (Optional)	
21	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)	
Protection & Safety Requirements			
22	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdemo etc.	
23	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.	

## DC Charging Pile 30KW/40KW



size: L700\*W450\*H1680(mm)

### Features:

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 4.3inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support 3G/4G, Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special DC fast charging.

S. NO.	Parameters	Requirements	
General Requirements			
1	EV Charger Type	DC	
2	Charger Capacity	30KW	40KW
3	Product Model NO.	ENC-DCL030A ANSI-DCL030A JIS-DCL030A	ENC-DCL040A/B ANSI-DCL040A/B JIS-DCL040A/B
4	Mounting	Ground-Mounted	
Input Requirements			
5	AC Supply System	Three-Phase, 5 Wire AC system	
6	Nominal Input Voltage	AC380V±15%	
7	Input Frequency	45-65Hz	
Environmental Requirements			
8	Ambient Temperature Range	-25 to 55°C	
9	Ambient Humidity	5 to 95%	
10	Storage Temperature	-40 to 70°C	
Mechanical Requirements			
11	IP Ratings	IP 54	
12	Cooling	Air-cooled	
Output Requirements			
13	Number of Outputs	1	1 or 2
14	Type of Each Output	DC200-750V DC150-500V(JIS)	
15	Single Output Max. Current	125 Amp	150 Amp
16	Power Factor	≥0.99(50% load above)	
User Interface & Display Requirements			
17	Display & Touch-Screen Size	7 Inches Touch Screen with Shell	
18	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login	
19	Metering Information	Consumption Units	
Communication Requirements			
20	Communication between EVSE and Central server	OCPP 1.6J Protocol (Optional)	
21	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)	
Protection & Safety Requirements			
22	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772,CHAdeMO etc.	
23	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.	

## DC Charging Pile 50KW/60KW/80KW



size: L700\*W450\*H1680(mm)

### Features:

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 7 inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support 3G/4G,, Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special DC fast charging.

Sr. NO.	Parameters	Requirements	
General Requirements			
1	EV charger Type	DC	
2	Charger Capacity	50KW/60KW	80KW
3	Model No.	ENC-DCL050A(B) SAE-DCL050A(B) JAN-DCL050A(B)	ENC-DCL080A(B) SAE-DCL080A(B) JAN-DCL080A(B)
4	Mounting	Ground mounted	
Input Requirements			
5	AC Supply System	Three-Phase, 5 Wire AC system	
6	Nominal Input voltage	380V ± 15%	
7	Input frequency	50Hz, ±1.5Hz / 60Hz, ±1.5Hz	
Environmental Requirements			
8	Ambient Temperature	-25 to 55°C	
9	Ambient Humidity	5 to 95%	
10	Storage temperature	-40 to 70°C	
Mechanical Requirements			
11	IP Ratings	IP 54	
12	Cooling	Forced air cooled	
Output Requirements			
13	Number of outputs	1 OR 2	
14	Type of each output	200-750VDC (+20% and -20%)	
15	Output Current	Max. 150Amp	Max. 200Amp
16	Power Factor	≥0.99(50% load above)	
User Interface & Display Requirements			
17	Display & touch-screen size	7 inches	
18	User Authentication	Mobile application or User interface / QR Code/RFID Card /Password Login	
19	Metering Information	Consumption Units	
Communication Requirements			
20	Communication between EVSE and Central Server	OCPP 1.6J protocol (optional)	
21	Charger and CMS	Ethernet and GPRS Modem	
Protection & Safety Requirements			
22	Safety Parameters	Over current, under voltage, Residual current, Surge protection, leakage protection, Short circuit, Over temperature, etc.	
23	Power failure	If there is a power failure, user is indicated about this.	

## DC Charging Pile 90KW/100KW/120KW



size:L700\*W450\*H1680(mm)

### Features:

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 7inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support 3G/4G, Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector (or Socket) optional;
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special DC fast charging.

S. NO.	Parameters	Requirements	
General Requirements			
1	EV Charger Type	DC	
2	Charger Capacity	90KW/100KW	120KW
3	Product Model NO.	ENC-DCL100B ANSI-DCL100B JIS-DCL100B	ENC-DCL120B ANSI-DCL120B JIS-DCL120B
4	Mounting	Ground-Mounted	
Input Requirements			
5	AC Supply System	Three-Phase, 5 Wire AC system	
6	Nominal Input Voltage	AC380V±15%	
7	Input Frequency	45-65Hz	
Environmental Requirements			
8	Ambient Temperature Range	-25 to 55°C	
9	Ambient Humidity	5 to 95%	
10	Storage Temperature	-40 to 70°C	
Mechanical Requirements			
11	IP Ratings	IP 54	
12	Cooling	Air-cooled	
Output Requirements			
13	Number of Outputs	2	
14	Type of Each Output	DC200-750V DC150-500V(JIS)	
15	Single Output Max. Current	200 Amp	
16	Power Factor	≥0.99(50% load above)	
User Interface & Display Requirements			
17	Display & Touch-Screen Size	7 Inches Touch Screen with Shell	
18	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login	
19	Metering Information	Consumption Units	
Communication Requirements			
21	Communication between EVSE and Central server	OCPP 1.6J Protocol (Optional)	
21	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)	
Protection & Safety Requirements			
22	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772,CHAdeMO etc.	
23	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.	

## DC Charging Pile 160KW/180KW/240KW



size:L750\*W750\*H1920(mm)

### Features:

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 7 inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support 3G/4G,, Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector (or Socket) optional;
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special DC fast charging.

S. NO.	Parameters	Requirements		
General Requirements				
1	EV Charger Type	DC		
2	Charger Capacity	160KW	180KW	240KW
3	Product Model NO.	ENC-DCL160B ANSI-DCL160B JIS-DCL160B	ENC-DCL180B ANSI-DCL180B JIS-DCL180B	ENC-DCL240B ANSI-DCL240B JIS-DCL240B
4	Mounting	Ground-Mounted		
Input Requirements				
5	AC Supply System	Three-Phase, 5 Wire AC system		
6	Nominal Input Voltage	AC380V±15%		
7	Input Frequency	45-65Hz		
Environmental Requirements				
8	Ambient Temperature Range	-25 to 55°C		
9	Ambient Humidity	5 to 95%		
10	Storage Temperature	-40 to 70°C		
Mechanical Requirements				
11	IP Ratings	IP 54		
12	Cooling	Air-cooled		
Output Requirements				
13	Number of Outputs	2		
14	Type of Each Output	DC200-750V DC150-500V(JIS)		
15	Single Output Max. Current	200 Amp		
16	Power Factor	≥0.99(50% load above)		
User Interface & Display Requirements				
17	Display & Touch-Screen Size	7 Inches Touch Screen with Shell		
18	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login		
19	Metering Information	Consumption Units		
Communication Requirements				
20	Communication between EVSE and Central server	OCPP 1.6J Protocol (Optional)		
21	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)		
Protection & Safety Requirements				
22	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdeMO etc.		
23	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.		

## DC Charging Pile 300KW/360KW/480KW



size: L750\*W750\*H1920(mm)

### Features:

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 7 inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support 3G/4G,, Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector (or Socket) optional;
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special DC fast charging.

S. NO.	Parameters	Requirements		
General Requirements				
1	EV Charger Type	DC		
2	Charger Capacity	300KW	360KW	480KW
3	Product Model NO.	ENC-DCL300B	ENC-DCL360B	ENC-DCL480B
		ANSI-DCL300B	ANSI-DCL360B	ANSI-DCL480B
		JIS-DCL300B	JIS-DCL360B	JIS-DCL480B
4	Mounting	Ground-Mounted		
Input Requirements				
5	AC Supply System	Three-Phase, 5 Wire AC system		
6	Nominal Input Voltage	AC380V±15%		
7	Input Frequency	45-65Hz		
Environmental Requirements				
8	Ambient Temperature Range	-25 to 55°C		
9	Ambient Humidity	5 to 95%		
10	Storage Temperature	-40 to 70°C		
Mechanical Requirements				
11	IP Ratings	IP 54		
12	Cooling	Air-cooled		
Output Requirements				
13	Number of Outputs	2		
14	Type of Each Output	DC200-750V		
		DC150-500V(JIS)		
15	Single Output Max. Current	200 Amp		
16	Power Factor	≥0.99(50% load above)		
User Interface & Display Requirements				
17	Display & Touch-Screen Size	7 Inches Touch Screen with Shell		
18	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login		
19	Metering Information	Consumption Units		
Communication Requirements				
20	Communication between EVSE and Central server	OCPP 1.6J Protocol (Optional)		
21	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)		
Protection & Safety Requirements				
22	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772,CHAdeMO etc.		
23	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.		

## DC Charging Pile (30KW/50KW DC\*2+22kw/43KW AC\*1)All-in-on type



size:L700\*W450\*H1680(mm)



size:L790\*W700\*H1720(mm)

### Features:

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Two DC output (CCS-2 /CCS-1 CHAdeMO) and one AC output (Type 2/Type1);
- Friendly interaction interface, 7inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support RFID Card/OCPP1.6J (optional);
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special fast charging.

S. NO.	Parameters	Requirements	
General Requirements			
1	EV Charger Type	2DC + 1AC	/
2	Charger Capacity	2*30KW DC + 22KW/43KW AC	2*50KW DC + 22KW /43KW AC
3	Product Model NO.	ENC-ADCL082C/ENC-ADCL103C	ENC-ADCL122C/ENC-ADCL143C
4	Mounting	Ground-Mounted	
Input Requirements			
5	AC Supply System	Three-Phase, 5 Wire AC system	
6	Nominal Input Voltage	AC380V±15%	
7	Input Frequency	45-65Hz	
Environmental Requirements			
8	Ambient Temperature Range	-25 to 55°C	
9	Ambient Humidity	5 to 95%	
10	Storage Temperature	-40 to 70°C	
Mechanical Requirements			
11	IP Ratings	IP 54	
12	Cooling	Air-cooled	/
Output Requirements			
13	Number of Outputs	3	
14	Type of Each Output	CCS-2/CCS-1: Max. 30KW, 150-750VDC, 150Amp. CHAdeMO: Max. 30KW, 150-750VDC, 150Amp. Type-2/ Type-1, 380-400Vac, 32Amp/63Amp	CCS-2/CCS-1: Max. 50KW, 150-750VDC, 200Amp. CHAdeMO: Max. 50KW, 150-750VDC, 200Amp. Type-2/ Type-1, 380-400Vac, 32Amp/63Amp
15	Power Factor	≥0.99(50% load above)	
User Interface & Display Requirements			
16	Display & Touch-Screen Size	7 Inches Touch Screen with Shell	
17	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login	
18	Metering Information	Consumption Units	
Communication Requirements			
19	Communication between EVSE and Central server	OCPP 1.6J Protocol (Optional)	
20	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)	
Protection & Safety Requirements			
21	Executive Standard	IEC 62196 2017, IEC 61851 2017 etc.	
22	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.	

## DC 240KW Sequential Charging Station



size:L430\*W201\*H1600(mm)

size:L1150\*W950\*H1928(mm)

size:L430\*W201\*H1600(mm)

### Features:

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 7inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support 3G/4G,, Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1CHAdEMO connector (or Socket) optional;
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special DC fast charging.

S. NO.	Parameters	Requirements
General Requirements		
1	EV Charger Type	DC
2	Charger Capacity	240KW
3	Product Model NO.	ENC-DCF240D;ANSI-DCF240D;JIS-DCF240D
4	Mounting	Ground-Mounted(Sequential)
Input Requirements		
5	AC Supply System	Three-Phase, 5 Wire AC system
6	Nominal Input Voltage	AC380V±15%
7	Input Frequency	45-65Hz
Environmental Requirements		
8	Ambient Temperature Range	-25 to 55°C
9	Ambient Humidity	5 to 95%
10	Storage Temperature	-40 to 70°C
Electrical indicators		
11	Current Limit Protection Value	≥110%
12	Steady pressure precision	≤±0.5%
13	Steady flow accuracy	≤±1%
14	Power Factor	≥0.99(50% load above)
Mechanical Requirements		
15	IP Ratings	IP 54
16	Cooling	Air-cooled
Output Requirements		
17	Connector Terminal	2
18	Number of Outputs	4
19	Type of Each Output	DC200-750V; DC150-500V(JIS)
20	Single Output Max. Current	200 Amp
User Interface & Display Requirements		
21	Display & Touch-Screen Size	7 Inches Touch Screen with Shell
22	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login
23	Metering Information	Consumption Units
Communication Requirements		
24	Communication between EVSE and Central server	OCPP 1.6J Protocol (Optional)
25	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)
Protection & Safety Requirements		
26	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdEMO etc.
27	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.



## DC 360KW/480KW Sequential Charging Station



size:L430\*W201\*H1600(mm)

size:L1150\*W950\*H1928(mm)

size:L430\*W201\*H1600(mm)

### Features:

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 7inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support 3G/4G, Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.

### Applicable Scenes:

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special DC fast charging.

S. NO.	Parameters	Requirements	
General Requirements			
1	EV Charger Type	DC	
2	Charger Capacity	360KW	480KW
3	Product Model NO.	ENC-DCF360F	ENC-DCF480H
		ANSI-DCF360F	ANSI-DCF480H
		JIS-DCF360F	JIS-DCF480H
4	Mounting	Ground-Mounted(Sequential)	
Input Requirements			
5	AC Supply System	Three-Phase, 5 Wire AC system	
6	Nominal Input Voltage	AC380V±15%	
7	Input Frequency	45-65Hz	
Environmental Requirements			
8	Ambient Temperature Range	-25 to 55°C	
9	Ambient Humidity	5 to 95%	
10	Storage Temperature	-40 to 70°C	
Electrical indicators			
11	Current Limit Protection Value	≥110%	
12	Steady pressure precision	≤±0.5%	
13	Steady flow accuracy	≤±1%	
14	Power Factor	≥0.99(50% load above)	
Mechanical Requirements			
15	IP Ratings	IP 54	
16	Cooling	Air-cooled	
Output Requirements			
17	Connector Terminal	3	4
18	Number of Outputs	6	8
19	Type of Each Output	DC200-750V	
		DC150-500V(JIS)	
20	Single Output Max. Current	200 Amp	
User Interface & Display Requirements			
21	Display & Touch-Screen Size	7 Inches Touch Screen with Shell	
22	User Authentication	Mobile Application or User Interface / QR Code/RFID Card /Password Login	
23	Metering Information	Consumption Units	
Communication Requirements			
24	Communication between EVSE and Central server	OCPP 1.6J Protocol (Optional)	
	Interface between Charger and CMS	Ethernet/3G/4G/WIFI (Optional)	
Protection & Safety Requirements			
21	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772,CHAdeMO etc.	
22	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.	