ALpha Investments UK

EV Chargers Private Brand

Powered by CubeEnergy



3.5KW/7KW/11KW/22KW AC Charger

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.

- 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.



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 T	уре			
		Input Re	equirements			
5	AC Supply System	Single-Phase, 3 Wire AC	System	Single-Phase, 3 Wire		
6	Nominal Input Voltage	AC220V±15%(ENC) AC240V±15%(ANSI)		AC380V±15%(ENC) AC240V±15%(ANSI)	AC380V±15%	
7	InputFrequency	50±3Hz				
		Environment	al Requirements			
8	Ambient Temperature Range	-25 to 55°C	-25 to 55°C			
9	Ambient Humidity	5 to 95%				
10	Storage Temperature	-40 to 70°C				
		Mechanica	Requirements			
11	IP Ratings	IP 55				
12	Cooling	Natural Cooling				
		Output R	equirements			
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 InchesTouch Screen	ı			
17	User Authentication	Mobile Application or Us	er 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.				

3.5KW/7KW/11KW/22KW AC Charger

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.



- 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.



S. NO.	Parameters	Requirements			
		Gene	ral 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	Туре		•
Input Requirements					
5	AC Supply System	Single-Phase, 3 Wire A	C system	Single-Phase, 3 Wire A	
6	Nominal Input Voltage	AC220V±15%(ENC) AC240V±15%(ANSI)		AC380V±15%(ENC) AC240V±15%(ANSI)	AC380V±15%
7	Input Frequency	50±3Hz			
		Environm	nental Requirements		
8	Ambient Temperature Range	-25 to 55°C			
9	Ambient Humidity	5 to 95%			
10	Storage Temperature	-40 to 70°C			
		Mechar	nical Requirements		
11	IP Ratings	IP 55			
12	Cooling	Natural Cooling			
		Outp	ut 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 Requirement	ts	
16	Display & Touch-Screen Size	4.3 Inches Touch Scree	en		
17	User Authentication	Mobile Application or U	ser Interface / QR Code	/RFID Card /Password L	ogin
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.			

7KW/11KW/22KW AC Charger

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, 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.



- 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.



S. NO.	Parameters	Requirements		
		General Requirem	nents	
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	1	
	<u> </u>	Input Requireme	ents	
_		Single-Phase, 3 Wire AC	Single-Phase, 3 Wire AC sy	stem(ANSI)
5	AC Supply System	system	Three-Phase, 5 Wire AC sys	stem(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 Requi	rements	
8	Ambient Temperature Range	-25 to 55°C		
9	Ambient Humidity	5 to 95%		
10	Storage Temperature	-40 to 70°C		
		Mechanical Require	ments	
11	IP Ratings	IP 54		
12	Cooling	Natural Cooling	Air-cooled	
		Output Requirem	ents	
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 R	tequirements	
16	Display & Touch-Screen Size	4.3 Inches Touch Screen		
17	User Authentication	Mobile Application or User	Interface / QR Code/RFID Ca	rd /Password Login
18	Metering Information	Consumption Units		
		Communication Requ	irements	
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 Rec	uirements	
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.		

20KW/30KW DC Charger

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.

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



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.			

30KW/40KW DC Charger

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.

- Support 3G/4G,, Ethernet or wireless telecommunication;
- 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 RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.





	Parameters	Requ	irements		
		General Requirements			
1	EV Charger Type	DC			
2	Charger Capacity	30KW	40KW		
		ENC-DCL030A	ENC-DCL040A/B		
3	Product Model NO.	ANSI-DCL030A JIS-DCL030A	ANSI-DCL040A/B JIS-DCL040A/B		
4	Mounting	Ground-Mounted	010 002040/40		
l		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	3		
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 J1	772,CHAdeMO etc.		
23	Safety Parameters	Over Current, Under Voltage, Residual Cu Short Circuit, Over Temperature, etc.	rrent, Surge Protection, Leakage Protection,		

50KW/60KW/80KW DC Charger

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.

- Support 3G/4G, Ethernet or wireless telecommunication;
- 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 RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.





S. NO.	Parameters	Requ	irements	
		General Requirements		
1	EV Charger Type		DC	
2	Charger Capacity	50KW/60KW	80KW	
3	Product Model NO.	ENC-DCL060A/B ANSI-DCL060A/B JIS-DCL060A/B	ENC-DCL080B ANSI-DCL080B JIS-DCL080B	
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 or 2	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 C	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.		

90KW/100KW/120KW DC Charger

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.



- Support 3G/4G, Ethernet or wireless telecommunication;
- 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 RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.





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 Cod	e/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.		

160KW/180KW/240KW DC Charger

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.



- Support 3G/4G,, Ethernet or wireless telecommunication;
- 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 RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.



Seneral Requirements	S. NO.	Parameters	Requirements			
Charger Capacity			General Require	ements		
ENC-DCL160B	1	EV Charger Type	DC			
ANSI-DCL160B	2	Charger Capacity	160KW	180KW	240KW	
Mounting	3	Product Model NO.	ANSI-DCL160B	ANSI-DCL180B	ANSI-DCL240B	
AC Supply System Three-Phase, 5 Wire AC system Nominal Input Voltage AC380V±15% Input Frequency 45-65Hz Environmental Requirements Ambient Temperature Range -25 to 55°C Ambient Humidity 5 to 95% Storage Temperature -40 to 70°C Mechanical Requirements IP Fatings IP 54 Cooling Air-cooled Output Requirements Number of Outputs 2 Vype of Each Output DC200-750V DC150-500V(JIS) Single Output Max. Current 200 Amp Vuser Interface & Display Requirements TO Display & Touch-Screen Size 7 Inches Touch Screen with Shell User Authentication Mobile Application or User Interface / QR Code/RFID Card /Password Login Wetering Information Consumption Units Communication Requirements Communication Safety Requirements Linterface between Charger and CMIS Ethernet/3G/4G/W/IFI (Optional) Protection & Safety Requirements Cover Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection,	4	Mounting			1	
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 200 Amp 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 Interface between Charger and CMS Protection & Safety Requirements 21 Interface between Charger Interface Consumption (Optional) Ethernet/3G/4GM/IFI (Optional) Protection & Safety Requirements 22 Executive Standard IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdeMO etc. Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection,			Input Requirer	nents		
Input Frequency	5	AC Supply System	Three-Phase, 5 Wire AC s	system		
Environmental Requirements 8	6	Nominal Input Voltage	AC380V±15%			
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 20.99(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 / OR Code/RFID Card /Password Login 19 Metering Information Consumption Units Communication Requirements 20 Communication between EVSE and Central server and CMS Protection & Safety Requirements 21 Interface between Charger and CMS 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,	7	Input Frequency	45-65Hz			
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 DC150-500V(JIS) 15 Single Output Max. Current 200 Amp 16 Power Factor 20.99(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 / OR Code/RFID Card /Password Login 19 Metering Information Consumption Units Communication Requirements 20 Communication between EVSE and Central server Ethernet/3G/4G/WIFI (Optional) Interface between Charger and CMS Protection & Safety Requirements 22 Executive Standard IEC 62196 2017, IEC 61851 2017, SAE J1772,CHAdeMO etc. Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection,			Environmental Req	uirements		
Storage Temperature	8	Ambient Temperature Range	-25 to 55°C			
Mechanical Requirements IP Ratings	9	Ambient Humidity	5 to 95%			
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 20.99(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 EVSE and Central server and CMS Protection & Safety Requirements 21 Interface between Charger and CMS 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,	10	Storage Temperature	-40 to 70°C			
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 20.99(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 and CMS Ethermet/3G/4G/WIFI (Optional) Protection & Safety Requirements 22 Executive Standard IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdeMO etc. Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, 23 Safety Parameters			Mechanical Requ	irements		
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 21 Interface between Charger and CMS Protection & Safety Requirements 22 Executive Standard IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdeMO etc. Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, 23 Safety Parameters	11	IP Ratings	IP 54			
13 Number of Outputs 2 14 Type of Each Output 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 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,	12	Cooling	Air-cooled			
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 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,			Output Require	ments		
Type of Each Output	13	Number of Outputs	2			
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 21 Interface between Charger and CMS 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,	14	Type of Each Output				
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 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,	15	Single Output Max. Current	200 Amp			
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 21 Interface between Charger and CMS 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,	16	Power Factor	≥0.99(50% load above)			
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 21 Interface between Charger and CMS Protection & Safety Requirements 22 Executive Standard IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdeMO etc. 23 Safety Parameters Mobile Application or User Interface / QR Code/RFID Card /Password Login Communication Requirements 19 Communication Detween Communication Requirements 10 CPP 1.6J Protocol (Optional) Protection & Safety Requirements 21 Executive Standard IEC 62196 2017, IEC 61851 2017, SAE J1772, CHAdeMO etc. 23 Safety Parameters			User Interface & Display	Requirements		
19 Metering Information Consumption Units Communication Requirements 20 Communication between EVSE and Central server 21 Interface between Charger and CMS 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,	17	Display & Touch-Screen Size	7 Inches Touch Screen wi	th Shell		
Communication Requirements 20 Communication between EVSE and Central server 21 Interface between Charger and CMS 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,	18	User Authentication	Mobile Application or User	Interface / QR Code/RFID Card	I /Password Login	
20 Communication between EVSE and Central server 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,	19	Metering Information	Consumption Units			
20 EVSE and Central server 21 Interface between Charger and CMS Protection & Safety Requirements 22 Executive Standard IEC 62196 2017, IEC 61851 2017, SAE J1772,CHAdeMO etc. 23 Safety Parameters OCPP 1.6J Protocol (Optional) Ethermet/3G/4G/WIFI (Optional) Protection & Safety Requirements 22 Executive Standard IEC 62196 2017, IEC 61851 2017, SAE J1772,CHAdeMO etc. 23 Safety Parameters		Communication Requirements				
21 and CMS Ethernet/3G/4GWIFI (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,	20		OCPP 1.6J Protocol (Optional)			
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,	21	_	Ethernet/3G/4GWIFI (Optional)			
23 Safety Parameters Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection,			Protection & Safety R	equirements		
I 23 I Safety Parameters I	22	Executive Standard	IEC 62196 2017, IEC 61851 2017, SAE J1772,CHAdeMO etc.			
	23	Safety Parameters				

300KW/360KW/480KW DC Charger

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.

- Support 3G/4G,, Ethernet or wireless telecommunication;
- 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 RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1/CHAdeMO connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.



S. NO.	Parameters	Requirements		
		General Require	ments	
1	EV Charger Type	DC		
2	Charger Capacity	300KW	360KW	480KW
		ENC-DCL300B	ENC-DCL360B	ENC-DCL480B
3	Product Model NO.	ANSI-DCL300B	ANSI-DCL360B	ANSI-DCL480B
4	Mounting	JIS-DCL300B	JIS-DCL360B Ground-Mounted	JIS-DCL480B
4	Mounting	Input Requirem		
5	AC Supply System	Three-Phase, 5 Wire AC sys		
6	Nominal Input Voltage	AC380V±15%	item	
7		45-65Hz		
,	Input Frequency	Environmental Requ	uiramanta	
8	Ambient Temperature Range	-25 to 55°C	uli errierius	
9		5 to 95%		
10	Ambient Humidity			
10	Storage Temperature	-40 to 70°C		
	IDD (Mechanical Requi	rements	
11	IP Ratings	IP 54		
12	Cooling	Air-cooled		
		Output Requirer	nents	
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 Ir	terface / QR Code/RFID Card /	Password Login
19	Metering Information	Consumption Units		
		Communication Req	uirements	
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 Re	equirements	
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.		

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

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.



- 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.





S. NO.	Parameters	Requirements			
		General Requirements			
1	EV Charger Type	2DC + 1AC	1		
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	1		
		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 Requiremen	ıts		
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

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.

- Support 3G/4G, Ethernet or wireless telecommunication;
- 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 RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1CHAdeMO connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.









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	
	Us	ser 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

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.

- Support 3G/4G, Ethernet or wireless telecommunication;
- 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 RFID Card/OCPP 1.6J (optional);
- Support CCS-2/CCS-1CHAdeMO connector(or Socket)optional;
- Overload integrated Protection;
- Support online data upgrade.







S. NO.	Parameters	Requirements		
		General Requirem	ents	
1	EV Charger Type	DC		
2	Charger Capacity	360KW	480KW	
		ENC-DCF360F	ENC-DCF480H	
3	Product Model NO.	ANSI-DCF360F	ANSI-DCF480H	
		JIS-DCF360F	JIS-DCF480H	
4	Mounting	Ground-Mounted(Sequ	ential)	
		Input Requireme	nts	
5	AC Supply System	Three-Phase, 5 Wire A	C system	
6	Nominal Input Voltage	AC380V±15%		
7	Input Frequency	45-65Hz		
		Environmental Requi	rements	
8	Ambient Temperature Range	-25 to 55°C		
9	Ambient Humidity	5 to 95%		
10	Storage Temperature	-40 to 70°C		
		Electrical indicat	ors	
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 Require	ments	
15	IP Ratings	IP 54		
16	Cooling	Air-cooled		
		Output Requirem	ents	
17	Connector Terminal	3	4	
18	Number of Outputs	6	8	
19	T (5 - 1-0 to 1	DC200-750V		
19	Type of Each Output	DC150-500V(JIS)		
20	Single Output Max. Current	200 Amp		
	U	ser Interface & Display F	dequirements	
21	Display & Touch-Screen Size	7 Inches Touch Screen	with Shell	
22	User Authentication	Mobile Application or U	ser Interface / QR Code/RFID Card /Password Login	
23	Metering Information	Consumption Units		
	Communication Requirements			
24	Communication between EVSE and	OCPP 1.6J Protocol (Optional)		
- '	Central server	OG 1 1.00 1 Totocol (Optional)		
25	Interface between Charger and	Ethernet/3G/4G/WIFI (Optional)		
	CMS			
0.4	I =	Protection & Safety Red		
21	Executive Standard		1851 2017, SAE J1772, CHAdeMO etc.	
22	Safety Parameters		oltage, Residual Current, Surge Protection, Leakage	
		Protection, Short Circu	t, Over Temperature, etc.	