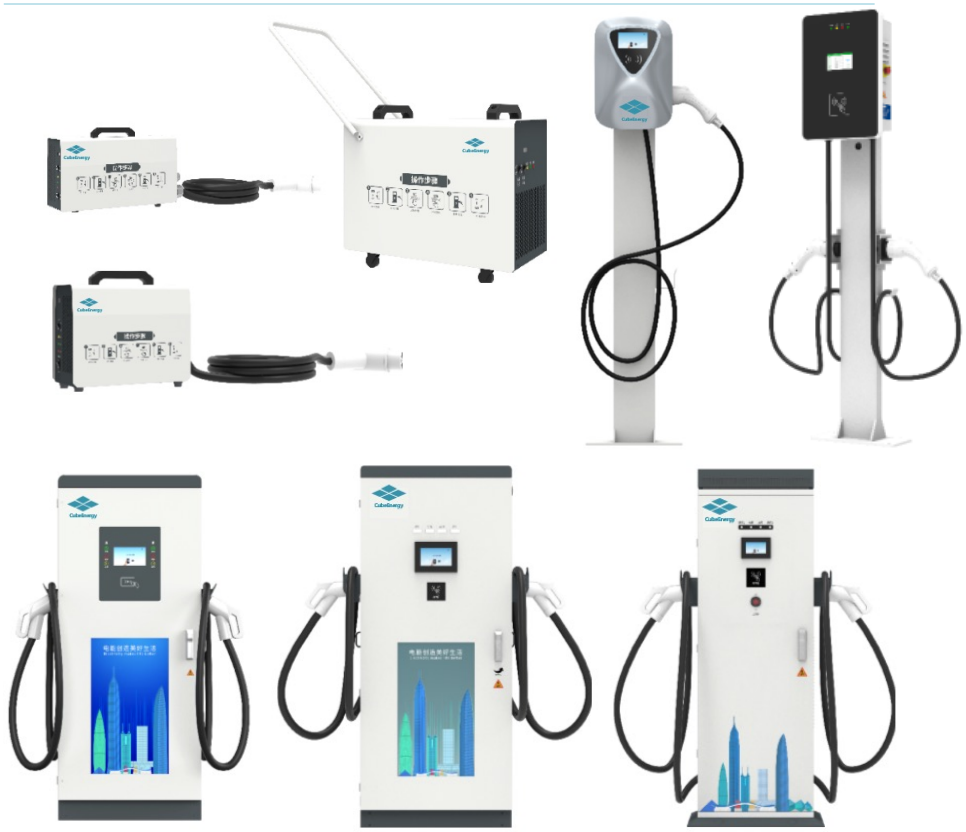
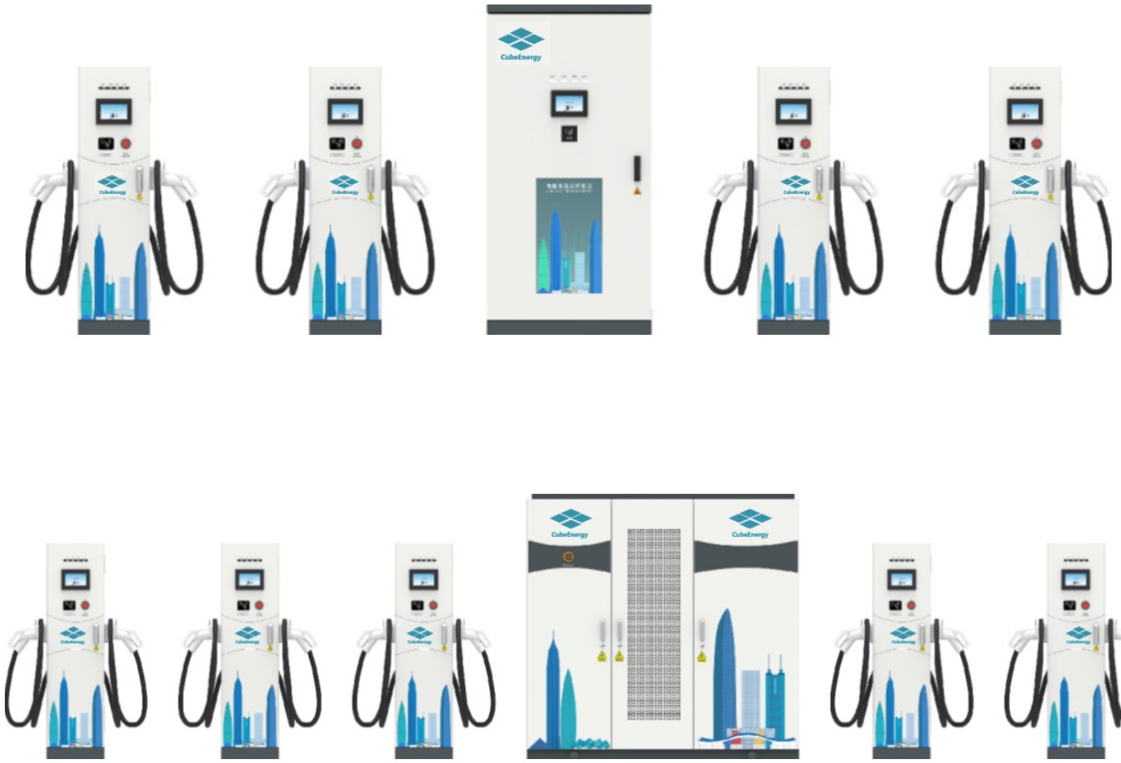
# ALpha Investments UK

## 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.

## 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.

| 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<br>ANSI-ACB/L003P5A-S | ENC-ACB/L007A-S<br>ANSI-ACB/L007A-S | ENC-ACB/L011A-S<br>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)<br>Three-Phase, 5 Wire AC system(ENC) | |
| 6 | Nominal Input Voltage | AC220V±15%(ENC)<br>AC240V±15%(ANSI) | | AC380V±15%(ENC)<br>AC240V±15%(ANSI) | AC380V±15% |
| 7 | InputFrequency | 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)<br>AC240V±15%(ANSI) | | AC380V±15%(ENC)<br>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 | | | |
| 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. | | | |

# 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.

## 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.

| 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<br>ANSI-ACB/L003P5A | ENC-ACB/L007A<br>ANSI-ACB/L007A | ENC-ACB/L011A<br>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)<br>Three-Phase, 5 Wire AC system(ENC) | |
| 6 | Nominal Input Voltage | AC220V±15%(ENC)<br>AC240V±15%(ANSI) | | AC380V±15%(ENC)<br>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)<br>AC240V±15%(ANSI) | | AC380V±15%(ENC)<br>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. | | | |

# 7KW/11KW/22KW AC Charger

## Applicable Scenes:

They are suitable for occasions such as city special chargingstations 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.

## 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.

| S. NO. | Parameters | Requirements | | |
|---|---|---|---|---|
| General Requirements | | | | |
| 1 | EV Charger Type | AC | | |
| 2 | Charger Capacity | 7KW | 11KW | 22KW |
| 3 | Product Model NO. | ENC-ACL007A<br>ANSI-ACL007A | ENC-ACL011A<br>ANSI-ACL011A | ENC-ACL022A/B<br>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)<br>Three-Phase, 5 Wire AC system(ENC) | |
| 6 | Nominal Input Voltage | AC220V±15%(ENC)<br>AC240V±15%(ANSI) | AC380V±15%(ENC)<br>AC240V±15%(ANSI) | AC380V±15%(ENC)<br>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)<br>AC240V±15%(ANSI) | AC380V±15%(ENC)<br>AC240V±15%(ANSI) | AC380V±15%(ENC)<br>AC240V±15%(ANSI) |
| 15 | Single Output Max. Current | 32 Amp | 16 Amp/50 Amp | 32 Amp/16 Amp(ENC)<br>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. | | |

# 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.

## Features:

- 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<br>ANSI-DCB020A<br>JIS-DCB020A | ENC-DCB030A<br>ANSI-DCB030A<br>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<br>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.

## Features:

- 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 | 30KW | 40KW |
| 3 | Product Model NO. | ENC-DCL030A<br>ANSI-DCL030A<br>JIS-DCL030A | ENC-DCL040A/B<br>ANSI-DCL040A/B<br>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<br>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. | |

# 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.

## Features:

- 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 | 50KW/60KW | 80KW |
| 3 | Product Model NO. | ENC-DCL060A/B<br>ANSI-DCL060A/B<br>JIS-DCL060A/B | ENC-DCL080B<br>ANSI-DCL080B<br>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<br>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. | |

# 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.

## Features:

- 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<br>ANSI-DCL100B<br>JIS-DCL100B | ENC-DCL120B<br>ANSI-DCL120B<br>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. | |

# 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.

## Features:

- 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 | 160KW | 180KW | 240KW |
| 3 | Product Model NO. | ENC-DCL160B<br>ANSI-DCL160B<br>JIS-DCL160B | ENC-DCL180B<br>ANSI-DCL180B<br>JIS-DCL180B | ENC-DCL240B<br>ANSI-DCL240B<br>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<br>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. | | |

# 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.

## Features:

- 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 | 300KW | 360KW | 480KW |
| 3 | Product Model NO. | ENC-DCL300B<br>ANSI-DCL300B<br>JIS-DCL300B | ENC-DCL360B<br>ANSI-DCL360B<br>JIS-DCL360B | ENC-DCL480B<br>ANSI-DCL480B<br>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<br>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. | | |

# (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.

## 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.

| 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.<br>CHAdeMO: Max. 30KW, 150-750VDC, 150Amp.<br>Type-2/ Type-1, 380~400Vac, 32Amp/63Amp | CCS-2/CCS-1: Max. 50KW, 150-750VDC, 200Amp.<br>CHAdeMO: Max. 50KW, 150-750VDC, 200Amp.<br>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

## 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.

## Features:

- 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 |
| 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

## 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.

## Features:

- 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 | 360KW | 480KW |
| 3 | Product Model NO. | ENC-DCF360F<br>ANSI-DCF360F<br>JIS-DCF360F | ENC-DCF480H<br>ANSI-DCF480H<br>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<br>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 | | | |
| 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. | |