# CHT

**CREATE HOPEFUL TOMORROW**

# DG-7/11KW-T2

## (App) Portable EV Charger

### Product Description

We provide our customers with complete AC charging products for electric vehicles. The main products are EV wallboxes, mode 2 EV charging cables, mode 3 EV charging cables and EV charging connectors. We are also able to provide OEM and ODM services for our customers.V
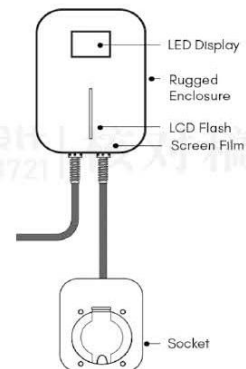
---

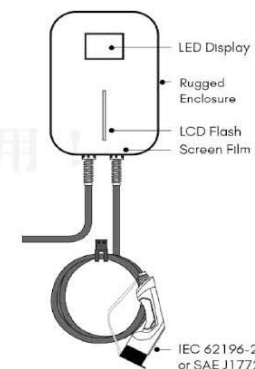## (App) Portable EV Charger
# DG-7/11KW-T2

# CHT

### Product Description

This is a simple wallbox, which is divided into 2 kinds: Charging Cable Type and Socket Type, depending on the way the EV is connected. It comes with a colorful LCD display(Optional) that allows users to clearly see the current charging status including charging time, voltage, current internal temperature and etc. It can automatically fix non-hardware faults that occur during charging. Faults that require manual repair will be displayed on the LCD screen. The housing is sturdy and has an IP65 rating. It can be easily installed on the wall. If the customer prefers wallbox to be installed on the stand, we can provide the matching one. The APP wallbox and the RFID wallbox appearing below are upgraded versions of this product, with the same consistent performance and installation method.

| Mode 2: Portable Ev Charger with a type 2 cable (1.3 inch LED) | Mode 2: Portable Ev Charger with a type 2 cable |
|---|---|



OLED Screen
SUHUKO/CEE/NEMA plug

LED Light          Type2

| Input & Output | |
|---|---|
| Power rating | 7KW(1 Phase)/ 11 KW(3 Phase) /22KW(3 Phase) |
| Charging interface type | IEC 61851 IEC 62196-2,SAE J1772 |
| Input & Output voltage | AC22OV±1O%(1 Phase)/ AC380V±10%(3 Phase) |
| Output current | 1 6A/32A |
| Frequency | 45-65HZ |

| Protection | |
|---|---|
| Overvoltage protection | YES |
| undervoltage protection | YES |
| Over load protection | Yes |
| short circuit protection | Yes |
| ground protection | Yes |
| over temperature protection | Yes |
| lightning protection | Yes |

## Function and Accessory

| | |
|---|---|
| WIFI/4G/OCPP1.6/LAN | Optional |
| RFID(2 user cards) | Optional |
| RCD | Type A / type A+6mA DC |
| Temperature Monitoring | Yes |
| The Chip Automatically Repairs Faults | Yes |
| 4.3 inch display | Optional |
| LED Indicator light | Yes |
| RFID | Optional |
| APP | YES |
| Intelligent power adjustment | Yes |
| Easy to Install | Install estimated time is 10-15 minutes. |
| Home load balancing(DLB) | Optional |

## Working environment

| | |
|---|---|
| IP grade | >IP65 |
| Working temperature | -40~+65°C |
| Working altitude | <2000m |
| Working Humidity | 5%-95% no condensation |
| Cooling mode | Natural cooling |
| MTBF | >100000H |
| Special protection | UV resistance |
| Standby power | 3W/5W(With LCD) |

## Mechnical

| | |
|---|---|
| Dimension | 220(L) x 95(W) x 65(H)mm |
| Cable length | 3.5m/5m/10m Optional |
| Weight | 3.5kg (including charging gun) |

## Certificate

| | |
|---|---|
| Certificate | CE,OZEV LIST,UKCA,SASO,TUV,CB |

CHT

CREATE HOPEFUL
TOMORROW

# DG-7/11KW-T2

## (App) Wallbox EV Charger

### Product Description

This is an APP wallbox which is suitable for home use and easy to install. It has stable performance and a complete protection mechanism. Charging current, charging amount and other detailed charging parameters can be found on the APP. Besides, these parameters should be set through APP before charging. The APP is equipped with an automatic upgrade program which can make sure that our customers always get the latest APP version. The charger can also be used with a stand.
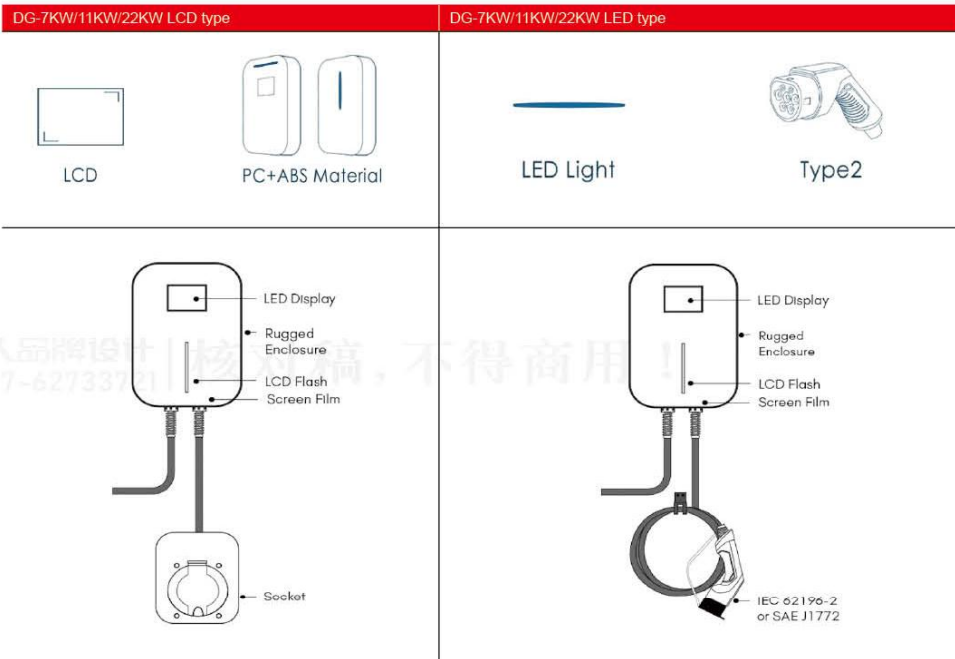
## Product Description

This is a simple wallbox, which is divided into 2 kinds: Charging Cable Type and Socket Type, depending on the way the EV is connected. It comes with a colorful LCD display(Optional) that allows users to clearly see the current charging status including charging time, voltage, current internal temperature and etc. It can automatically fix non-hardware faults that occur during charging. Faults that require manual repair will be displayed on the LCD screen. The housing is sturdy and has an IP65 rating. It can be easily installed on the wall. If the customer prefers wallbox to be installed on the stand, we can provide the matching one. The APP wallbox and the RFID wallbox appearing below are upgraded versions of this product, with the same consistent performance and installation method.

| DG-7KW/11KW/22KW LCD type | DG-7KW/11KW/22KW LED type |
|---|---|
| LCD    PC+ABS Material | LED Light    Type2 |
| LED Display / Rugged Enclosure / LCD Flash Screen Film / Socket | LED Display / Rugged Enclosure / LCD Flash Screen Film / IEC 62196-2 or SAE J1772 |

### Input & Output

| | |
|---|---|
| Power rating | 7KW(1 Phase)/ 11 KW(3 Phase) /22KW(3 Phase) |
| Charging interface type | IEC 61851 IEC 62196-2,SAE J1772 |
| Input & Output voltage | AC22OV±1O%(1 Phase)/ AC380V±10%(3 Phase) |
| Output current | 1 6A/32A |
| Frequency | 45-65HZ |

### Protection

| | |
|---|---|
| Overvoltage protection | YES |
| undervoltage protection | YES |
| Over load protection | Yes |
| short circuit protection | Yes |
| ground protection | Yes |
| over temperature protection | Yes |
| lightning protection | Yes |

### Function and Accessory

| | |
|---|---|
| WIFI/4G/OCPP1.6/LAN | Optional |
| RFID(2 user cards) | Optional |
| RCD | Type A / type A+6mA DC |
| Temperature Monitoring | Yes |
| The Chip Automatically Repairs Faults | Yes |
| 4.3 inch display | Optional |
| LED Indicator light | Yes |
| RFID | Optional |
| APP | YES |
| Intelligent power  adjustment | Yes |
| Easy to Install | Install estimated time is 10-15 minutes. |
| Home load balancing(DLB) | Optional |

### Working environment

| | |
|---|---|
| IP grade | >IP65 |
| Working temperature | -40~+65°C |
| Working altitude | <2000m |
| Working Humidity | 5%-95% no condensation |
| Cooling mode | Natural cooling |
| MTBF | >100000H |
| Special protection | UV resistance |
| Standby power | 3W/5W(With LCD) |

### Mechnical

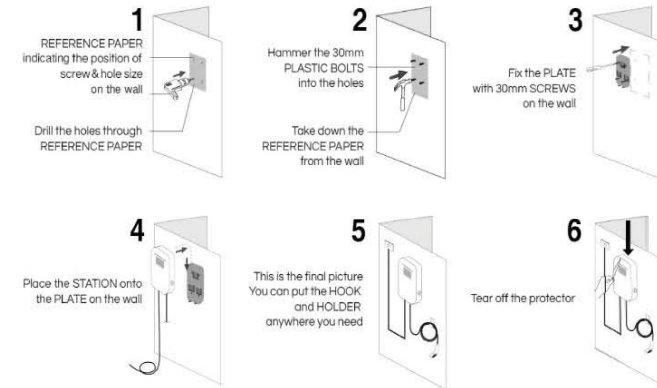| | |
|---|---|
| Dimension | 5M(16.4FT) standard,or other size customizable |
| Cable length | 8kg (including charging gun) |
| Weight | 8kg (including charging gun) |

### Mounting Accessories

| | |
|---|---|
| Wall-mounting bracket | Yes |
| Ground-mounting pole | Optional |

### Certificate

| | |
|---|---|
| Certificate | CE,OZEV LIST,UKCA,SASO,TUV,CB |

User Setting
Add device
Connection sign, Bluetooth
Electric current dashboard
Power dashboard
0.00kW 0.0A
237v 0.00kwh 00:00:09 31.8°c
Charging parameters area
Current Charging Setting
Charging Mode — Auto full charge
Information prompt menu
The available maxiumcharging current
52/52A
Charging record menu
Charging button
START CHARGING    CUSTOM CHARGE
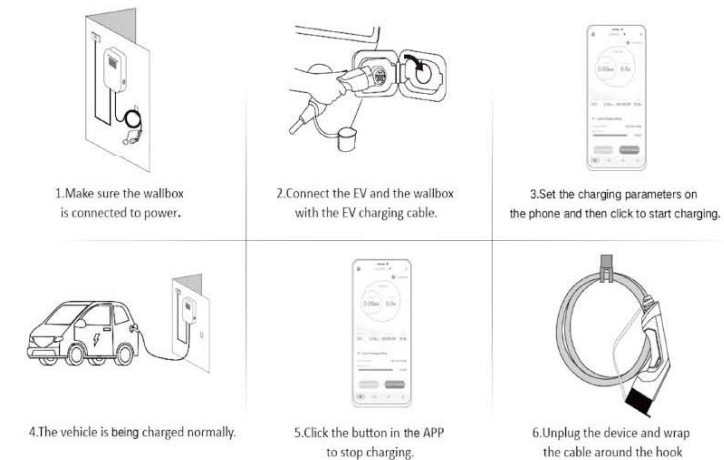Charging homepage menu
System setting menu

### APP Remote Control
Start and stop charging with Bluetooth control.

### Charging History
Fast charging history, anytime, anywhere.

### Charging Billing Settings
Single billing, quantitative billing, billing records.

### Fault Reminder
Low voltage, over voltage, over current, short circuit, over temperature, CP error.

### Firmware Upgrade
Perform an app version upgrade.

### User Settings
Nickname, privacy, FAQ, etc.

---

Customized charging
SINGLE CHARGING    REPEATED CHARGING
Delay duration/Estimated Start time:2022-05-07 16:25)
0h 24h
Charging duration/Estimated stop time:2022-05-08 04:25)
0h 24h
Charging Amount
0kWH 100kWH
ENABLE

EVSE4162
0.26kW 1.1A
229v 0.00kwh 00:00:08 33.3°c
Current Charging Setting
Charging Mode — 46kWh
Max current — 17A
FINISH CHARGING

### CHARGING PARAMETER SETTINGS

Charging parameter settings could be recorded in APP and auto used for each charging.
The 3 main charging parameter settings include:
1. Delayed Charging
2. Charging Duration
3. Charging Amount

Single Charge & Repeated Charge could be realized at your request in the APP.

### Single Charge
The parameter needs to be set each-time

### Repeated Charge
Settings could be recorded in the APP and used for each charging by default.

---

## Installation guide

**1**
REFERENCE PAPER indicating the position of screw & hole size on the wall

Drill the holes through REFERENCE PAPER

**2**
Hammer the 30mm PLASTIC BOLTS into the holes

Take down the REFERENCE PAPER from the wall

**3**
Fix the PLATE with 30mm SCREWS on the wall

**4**
Place the STATION onto the PLATE on the wall

**5**
This is the final picture You can put the HOOK and HOLDER anywhere you need

**6**
Tear off the protector

## Installation guide

1.Make sure the wallbox is connected to power.

2.Connect the EV and the wallbox with the EV charging cable.

3.Set the charging parameters on the phone and then click to start charging.

4.The vehicle is being charged normally.

5.Click the button in the APP to stop charging.

6.Unplug the device and wrap the cable around the hook

◆ **NOTE:** 1. After the vehicle is fully charged, the device will automatically stop charging
2. Please read the instructions carefully before use

# CHT

CREATE HOPEFUL
TOMORROW

# DG-7/11KW-T2

**(App) Floor EV Charger**

## Product Description

This is an APP wallbox floor stand Charging Station, which is suitable for home use and easy to install. It has stable performance and a complete protection mechanism. Charging current, charging amount and other detailed charging parameters can be found on the APP. Besides, these parameters should be set through APP before charging. The APP is equipped with an automatic upgrade program which can make sure that our customers always get the latest APP version. The charger can also be used with a stand.

## Product Description

This is an APP wallbox which is suitable for home use and easy to install. It has stable performance and a complete protection mechanism. Charging current, charging amount and other detailed charging parameters can be found on the APP. Besides, these parameters should be set through APP before charging. The APP is equipped with an automatic upgrade program which can make sure that our customers always get the latest APP version. The charger can also be used with a stand.
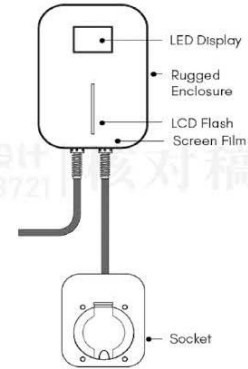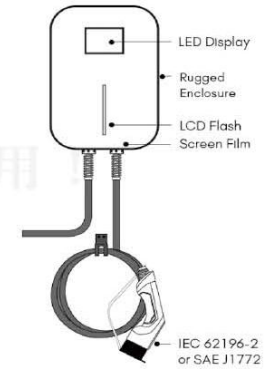
| DG-7KW/11KW/22KW LCD type | DG-7KW/11KW/22KW LED type |
| --- | --- |
| LCD | LED Light |
| PC+ABS Material | Type2 |

LED Display
Rugged Enclosure
LCD Flash Screen Film
Socket

LED Display
Rugged Enclosure
LCD Flash Screen Film
IEC 62196-2 or SAE J1772

| Input & Output | |
| --- | --- |
| Power rating | 7KW(1 Phase)/ 11 KW(3 Phase) /22KW(3 Phase) |
| Charging interface type | IEC 61851 IEC 62196-2,SAE J1772 |
| Input & Output voltage | AC22OV±1O%(1 Phase)/ AC380V±10%(3 Phase) |
| Output current | 1 6A/32A |
| Frequency | 45-65HZ |

| Protection | |
| --- | --- |
| Overvoltage protection | YES |
| undervoltage protection | YES |
| Over load protection | Yes |
| short circuit protection | Yes |
| ground protection | Yes |
| over temperature protection | Yes |
| lightning protection | Yes |

## Function and Accessory

| | |
|---|---|
| WIFI/4G/OCPP1.6/LAN | Optional |
| RFID(2 user cards) | Optional |
| RCD | Type A / type A+6mA DC |
| Temperature Monitoring | Yes |
| The Chip Automatically Repairs Faults | Yes |
| 4.3 inch display | Optional |
| LED Indicator light | Yes |
| RFID | Optional |
| APP | YES |
| Intelligent power adjustment | Yes |
| Easy to Install | Install estimated time is 10-15 minutes. |
| Home load balancing(DLB) | Optional |

## Working environment

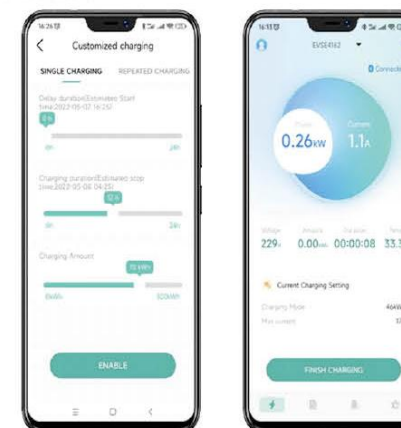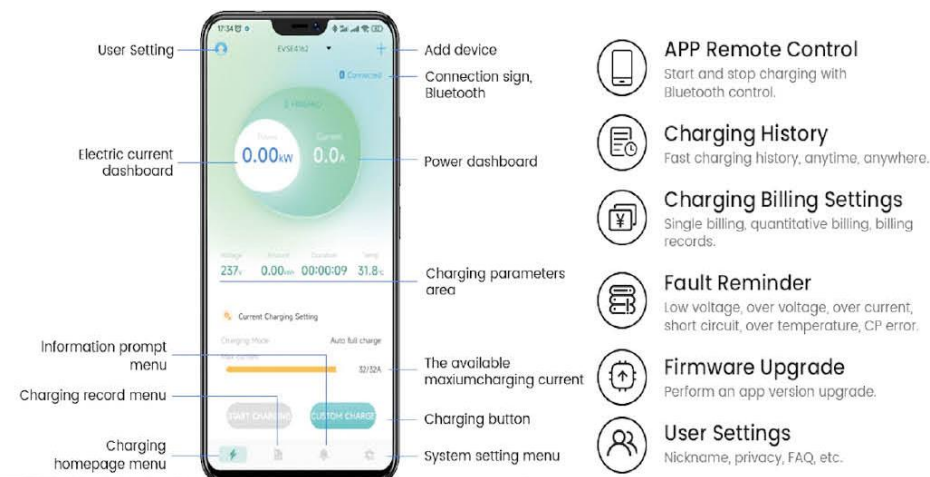| | |
|---|---|
| IP grade | >IP65 |
| Working temperature | -40~+65°C |
| Working altitude | <2000m |
| Working Humidity | 5%-95% no condensation |
| Cooling mode | Natural cooling |
| MTBF | >100000H |
| Special protection | UV resistance |
| Standby power | 3W/5W(With LCD) |

## Mechnical

| | |
|---|---|
| Dimension | 350(H) x 240(W) x 95(D)mm |
| Cable length | 5M(16.4FT) standard,or other size customizable |
| Weight | 8kg (including charging gun) |

## Mounting Accessories

| | |
|---|---|
| Wall-mounting bracket | Yes |
| Ground-mounting pole | Optional |

## Certificate

| | |
|---|---|
| Certificate | CE,OZEV LIST,UKCA,SASO,TUV,CB |

Labels around phone screen:
- User Setting
- Electric current dashboard
- Information prompt menu
- Charging record menu
- Charging homepage menu
- Add device
- Connection sign, Bluetooth
- Power dashboard
- Charging parameters area
- The available maxiumcharging current
- Charging button
- System setting menu

**APP Remote Control**
Start and stop charging with Bluetooth control.

**Charging History**
Fast charging history, anytime, anywhere.

**Charging Billing Settings**
Single billing, quantitative billing, billing records.

**Fault Reminder**
Low voltage, over voltage, over current, short circuit, over temperature, CP error.

**Firmware Upgrade**
Perform an app version upgrade.

**User Settings**
Nickname, privacy, FAQ, etc.



## CHARGING PARAMETER SETTINGS

Charging parameter settings could be recorded in APP and auto used for each charging.
The 3 main charging parameter settings include:
1. Delayed Charging
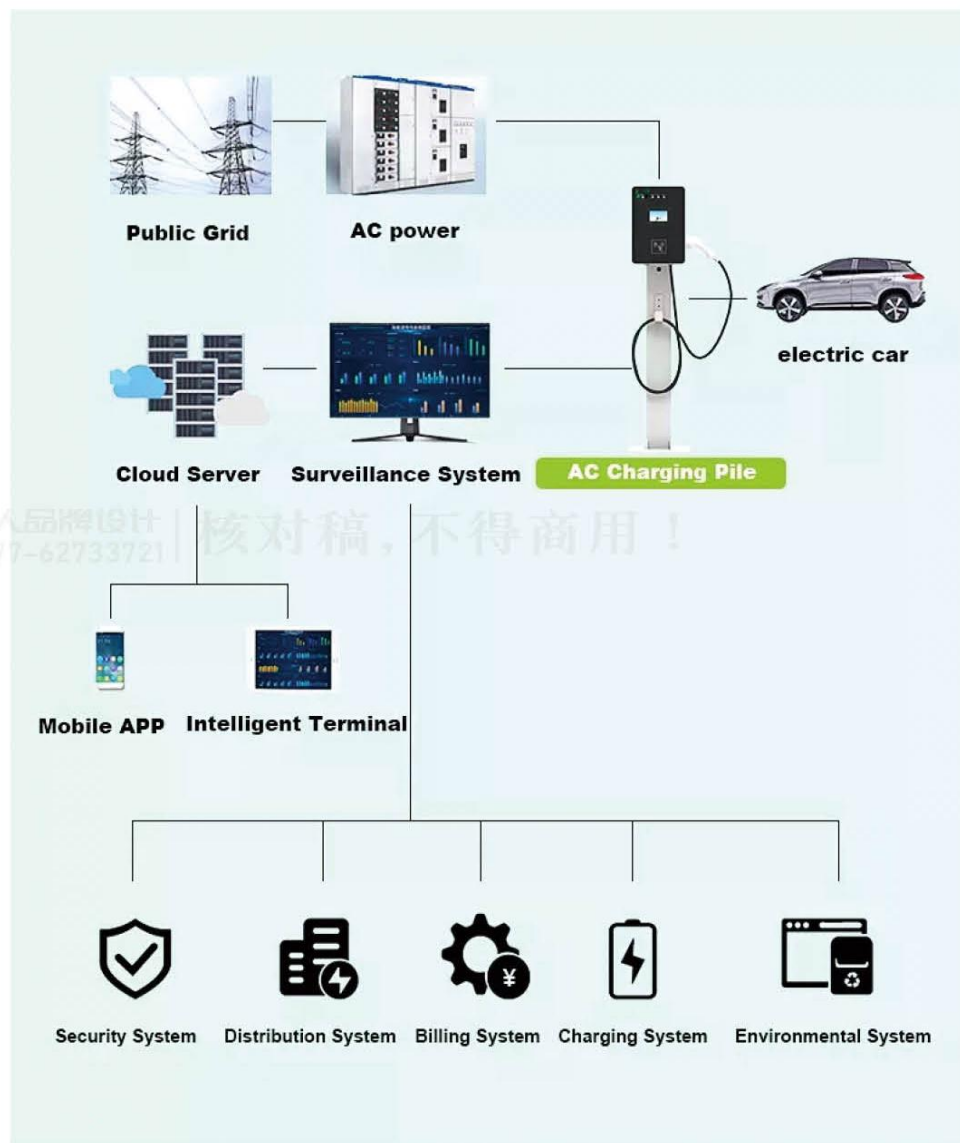2. Charging Duration
3. Charging Amount

Single Charge & Repeated Charge could be realized at your request in the APP.

**Single Charge**
The parameter needs to be set each-time

**Repeated Charge**
Settings could be recorded in the APP and used for each charging by default.

## Installation guide



Public Grid
AC power
electric car

Cloud Server   Surveillance System
AC Charging Pile

Mobile APP   Intelligent Terminal

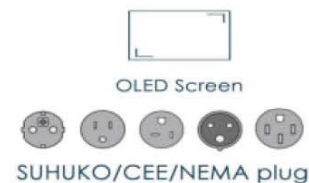Security System   Distribution System   Billing System   Charging System   Environmental System

## Product Description

These ore simple models, which is divided into 2 kinds: LED Type and Standard Type, depending on the way the Charger with or without screen. It comes with a LED display(Optional) that allows users to clearly see the current charging status including charging time, voltage, current internal temperature and etc. These are charging boxes with LED screen, which displays the ongoing current, voltage and other charging data. If there is a fault, it will be displayed on the screen. The charging current can be adjusted as well

| Mode 2: Portable Ev Charger with a type 2 cable (1.3 inch LED) | Mode 2: Portable Ev Charger with a type 2 cable |
|---|---|
| OLED Screen<br>SUHUKO/CEE/NEMA plug | LED Light          Type2 |

| Input & Output | |
|---|---|
| Power rating | 7KW(1 Phase)/ 11 KW(3 Phase) /22KW(3 Phase) |
| Charging interface type | IEC 61851 IEC 62196-2,SAE J1772 |
| Input & Output voltage | AC22OV±1O%(1 Phase)/ AC380V±10%(3 Phase) |
| Output current | 1 6A/32A |
| Frequency | 45-65HZ |

| Protection | |
|---|---|
| Overvoltage protection | YES |
| undervoltage protection | YES |
| Over load protection | Yes |
| short circuit protection | Yes |
| ground protection | Yes |
| over temperature protection | Yes |
| lightning protection | Yes |

| Working environment | |
|---|---|
| IP grade | >IP65 |
| Working temperature | -40~+65°C |
| Working altitude | <2000m |
| Working Humidity | 5%-95% no condensation |
| Cooling mode | Natural cooling |
| MTBF | >100000H |
| Special protection | UV resistance, anti-vehicle rolling design |
| Standby power | <1W |

| Function and Accessory | |
|---|---|
| Plug and play | Yes |
| 1.3 inch OLED display | Optional |
| LED Indicator light | Yes |
| Temperature control | Optional |

| Mechnical | |
|---|---|
| Dimension | 220(L) x 95(W) x 65(H)mm |
| Cable length | 3.5m/5m/10m Optional |
| Weight | 3.5kg (including charging gun) |

| Certificate | |
|---|---|
| Certificate | CE,OZEV LIST,UKCA,SASO,TUV,CB |