



***PHEILIX***<sup>TM</sup>

## ***Pheilix Commercial***

U.K Model : 2x22Kw Wall Mounted

**Product Code No :**

EVCTP22232DSRF(Socket outlet)

**Code Description :**

Three phase 380V 2x32A 2x22Kw socket outlets with Wall Mounted installation



Office for  
Zero Emission  
Vehicles



CE CB

UK  
CA



## **Technical Specifications**

2x22kw Dual Socket Commercial Version

### **Competitive Key Advantages**

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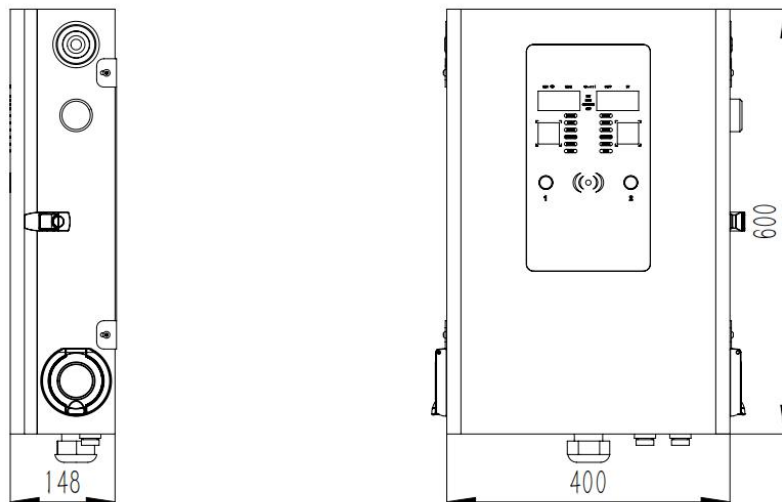
- PME PEN loss protection
- Working TNCS and TT system
- Total power monitoring
- Dynamic load balance monitoring
- Solar power monitoring available
- Battery pack monitoring available
- Wifi & Ethernet & Blue tooth connectivity
- Welded contacts detection
- OCPP Local control function
- RFID cards + App monitoring as standard
- Pre-Payment by RFID cards available
- Internet payment by Credit cards
- Anti-tamper monitoring
- Auto Test
- Reset Button
- 3 Year Warranty
- Integrated Solar + Battery Pack + Smart Charge All in One



## Performance

|                           |   |
|---------------------------|---|
| Housing case              | Steel/Stainless                             |
| Mounting Location         | Outdoor /Indoor (permanent mounting)        |
| Charging Model            | Model 3(IEC61851-1)                         |
| Charging Interface Type   | IEC62196-2 Type 2 socket, Tethered optional |
| Charging current          | 2x32A                                       |
| Local Internet Connection | RJ45 Interface                              |
| Display                   | RGB Led indicator +LED Screen               |
| Operation                 | App monitoring +RFID cards as standard      |
| IP Grade                  | IP55  |
| Operation Temperature     | -30°C ~ +55°C (Customized )                 |
| Operation Humidity        | 5% ~ 95% without condensation               |
| Operation Attitude        | <2000m                                      |
| Cooling method            | Natural air cooling                         |
| Enclosure Dimensions      | 600x400x150mm                               |
| Weight                    | 20KG  |
| Package                   | 1 Unit /Each, 60 Units/Pallet               |

## Physical Dimensions



## Electrical Specifications

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| Input Voltage                     | 380Vac ± 10% |
|-----------------------------------|--------------|
| Input Frequency                   | 50Hz         |
| Output Power                      | 2x22KW       |
| Output Voltage                    | 380Vac       |
| Output Current                    | 2x32A        |
| Standby power consumption         | 3w           |
| Earth leakage protection          | √            |
| PEN protection as standard        | √            |
| Independent AC Contactors         | √            |
| Independent MID meter as standard | √            |
| Solenoid locking mechanism        | √            |
| Emergency Stop Button             | √            |

## Security Protections

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| PEN/PME fault protection  | √ |
|---------------------------|---|
| Welded contacts detection | √ |
| Over-voltage Protection   | √ |
| Under-voltage protection  | √ |
| Overload protection       | √ |
| Over current protection   | √ |
| Earth leakage protection  | √ |
| Ground protection         | √ |

|                       |   |
|-----------------------|---|
| Over-temp protection  | √ |
| Double Isolation      | √ |
| Auto Test             | √ |
| Earth Connection Test | √ |
| Anti-tamper alarm     | √ |

## Software and Communications

|  |          |
|--|----------|
| OCPP1.6 Protocol Management Platform                       | √        |
| Sub-management Accounts for Operators                      | √        |
| Customized LOGO and Advertisement on Platform              | √        |
| Ios & Android App System                                   | √        |
| Unlimited Function to Divided into sub-App system          | √        |
| App Management Web Accounts for Operators                  | √        |
| Independent App system (Customized LOGO and advertisement) | √        |
| Ethernet/RJ45 Connection Interface as standard             | √        |
| Wifi Connectivity as standard                              | √        |
| Blue tooth connectivity as standard                        | √        |
| Total Power App Monitoring                                 | √        |
| Dynamic Load Balancing                                     | √        |
| Solar Power Monitoring                                     | Optional |
| Battery Bank Monitoring                                    | Optional |
| Air Source Heating Monitoring                              | Optional |
| Other Smart Devices Monitoring                             | Optional |
| Solar+Battery+Smart Charge All- In- One                    | TBA      |
| RFID Pre-payment functionality                             | √        |
| Internet payment by Credit Cards                           | √        |

## Regulation and Standard

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|                         |  |
|-------------------------|--|
| BS EN IEC 61851-1:2019  | Electric vehicle conductive charging system. General requirements  |
| BS EN 61851-22:2002     | Electric vehicle conductive charging system. A.C. electric vehicle charging station  |
| BS EN 62196-1:2014      | Plugs, socket-outlets, vehicle connectors and vehicle inlets. Conductive charging of electric vehicles. General requirements |
| Applicable Regulations  | Electromagnetic Compatibility Regulations 2016   |
|                         | Electrical Equipment Safety Regulations 2016   |
|                         | Regulations: restriction of hazardous substances (RoHS)  |
|                         | Radio Equipment Regulations 2017   |
| BS 8300:2009+A1:2010    | Design of an accessible and inclusive built environment. Buildings. Code of practice   |
| BSI PAS1878 & 1879 2021 | Energy Smart Appliances – System functionality and architecture & Demand side response operation                             |
| Installation            |  |
| BS 7671                 | Wiring Regulations 18 <sup>th</sup> edition+2020EV Amendment   |

