PHEILIX ™

Pheilix Commercial

U.K Model : 2x7Kw Wall Mounted

Product Code No :

EVCTP2763DSRF(Socket outlet)

Code Description :

Single phase 230V 2x32A 2x7Kw socket outlets with Wall Mounted installation

Office for
Zero Emission
Vehicles

Technical Specifications

2x7kw Dual Socket Commercial Version
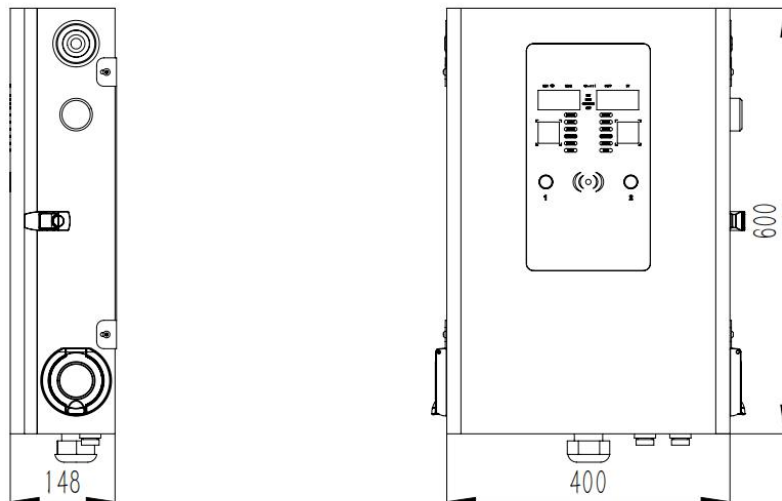
Competitive Key Advantages

- 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	18KG
Package	1 Unit /Each, 60 Units/Pallet

Physical Dimensions

Electrical Specifications

Input Voltage	230Vac±10%
Input Frequency	50Hz
Output Power	2x7KW
Output Voltage	230Vac
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

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

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 18th edition+2020EV Amendment

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