7kW/22kW AC Charging Station

Product description

LINCHR AC charger is the most advanced charging solution and the most complete range of charging stations for electric vehicles available on the market today. LINCHR 's European standard AC charger won the iF Design Award 2019 with an original and elegant design.It offers the best technology and functionality in terms of security and remote use through smart phone. The charging process can be started or stopped by swiping RFID cards or using smart phone APP, there are also a variety of charging modes such as plug and charge, which can be set according to the needs of users. The installation and maintenance is extremely simple and safe, as it is equipped with all the most advanced protections. The customer or ordinary maintenance personnel can open the maintenance cover to complete simple maintenance. Complex maintenance requires the professionals to open more parts for maintenance. Classified maintenance improves the personal safety of maintenance personnel and save the resources of professional maintenance personnel.

Features

◉ MID−certified kWh meter and type B leakage protector.
◉ OCPP 1.6 J communication protocol and WiFi 2.4 GHz.
◉ 7kW/11kW/22kW output power options.
◉ Type 2 charging plug available.
◉ Overall operation status monitoring, control and protection, ensuring the charging safety.
◉ Charging data management, ensuring the integrity and security of users' charging data during the charging process.
◉ CE certificate.
◉ Wall box type or pedestal type options.
◉ Various startup modes, RFID card, APP methods, plug and charge.
◉ Classification of maintenance.
◉ Web backend, upgradable through internet browser, displaying charge records, fault records.

Product technical parameters

Model	ES-07-B/ES-07-C (Case B/Case C)	ES-22-B/ES-22-C (Case B/Case C)
Size	350mmx150mmx650mm	350mmx150mmx650mm
Standards	IEC 61851-1:2017;IEC 62196-2	IEC 61851-1:2017;IEC 62196-2
Basic product information		
OCPP verison communication protocol	OCPP 1.6	OCPP 1.6
Starting mode	RFID Card ,APP	RFID Card ,APP
Network interface	WIFI	WIFI
Installing mode	Wallbox; Standing	Wallbox; Standing
Cable length	5m	5m
Display mode	Digital tube and LED	Digital tube and LED
Basic electrical information		
Rated power	7KW	22KW (Three phase)
Power supply system	TN-S,TN-C-S,TT,IT (IT system only supportsvoltage between L and L less than 240VAC)	TN-S,TN-C-S,TT,IT (IT system only supports voltage between L and L less than 240VAC)
Power wiring	1P+N+PE or 2P+PE	3P+N+PE or 3P+PE
Rated voltage	230VAC	400VAC (IT system only supports voltage between L and L less than 240VAC)
Voltage ranges	220~240 VAC	380~415VAC
Rated output current	32A	32A
Rated frequency	50Hz/60Hz	50Hz/60Hz
Frequency ranges	50 Hz ± 1%/60 Hz ± 1%	50 Hz ± 1%/60 Hz ± 1%
Working temperature	-25℃ ~ +50℃	-25℃ ~ +50℃
IP grade	IP54	IP54
Standby power	< 15W	< 15W
Relative humidity	≤95%	≤95%
Protection function		
Main protection function	Overcurrent protection Type-B leakage protection; Overvoltage protectionUndervoltage protectionRelay over-temperature protection; Charging connector holder over temperature protection; CP fault protection;Relay adhesion protection;	Overcurrent protectionType-B leakage protection; Overvoltage protectionUndervoltage protectionRelay over-temperature protection; Charging connectorholder over temperature protection; CP fault protection; Relay adhesion protection;