

EV CHARGER

The AC EV charger is a new product launched by Fox ESS. Its appearance of this product adopts a streamlined and simple design, which is more refined and glitzy. Through the App, car owners can choose the Bluetooth smart lock, timing charging function, or change it to plug and play mode. At the same time, it can monitor charging information, set EV charger parameters, bind equipment and authorization, and upgrade remote software.



Innovativeness Design

Streamline design



Intelligent Control

Wireless communication (WiFi/Bluetooth)
 OCPP communication protocol with the backend
 Smart charge or scheduled charge by App



Energy Saving

Standby power consumption is less than 2W, excellent energy-saving efficiency



Flexible Option

Type 1 or Type 2 charging cable
 App operation or plug and play
 Wall-mounted or floor-stand installation



Secure and Safe

6mA DC residual current protection
 Anti-welding protection
 IP65 rated

- Power: 22kW
- Output Current: Max.32A
- Output Voltage: 400V AC
- Type 2 cable charging connector
- Compliant with OCPP 1.6 (JSON)/2.0
- App operation or RFID authentication or plug, play & 4G
- Protection Grade: IP65
- -30 ~ 50°C wide Operating Temperature
- Warranty time: 3 years



For more about the Fox ESS EV charger
 Please visit:

WWW.FOX-ESS.COM



22KW EV CHARGER

TECHNICAL SPECIFICATIONS



| MODEL | A022KP1-E | | A022KS1-E | |
|----------------------------|--|--|-----------------|--|
| TYPE | CHARGING PLUG | | CHARGING SOCKET | |
| INPUT | | | | |
| Wiring Scheme | 3P+N+PE | | | |
| Voltage | 400Vac, ±20% | | | |
| Maximum Current | 32A | | | |
| Frequency | 50/60Hz | | | |
| OUTPUT | | | | |
| Voltage | 400Vac, ±20% | | | |
| Maximum Current | 32A | | | |
| Rated Power | 22kW | | | |
| USER INTERFACE & CONTROL | | | | |
| Connector Type | Type 2 cable | | Type 2 socket | |
| RFID Reader | Mifare ISO/IEC 14443 A | | | |
| Start Mode | Plug&Play/RFID card/App | | | |
| Emergency Stop | Yes | | | |
| COMMUNICATION | | | | |
| WiFi, Bluetooth | Yes | | | |
| 4G, Ethernet | Optional | | | |
| OCPP | OCPP 1.6 JSON, OCPP 2.0 optional | | | |
| ENVIRONMENT | | | | |
| Installation | Wall-mount / Post-mount | | | |
| Operating Temperature | -30°C ~ 50°C | | | |
| Operating Humidity | 5% ~ 95% No condensation | | | |
| Operating Altitude | ≤2000m | | | |
| DIMENSION AND WEIGHT | | | | |
| Product Dimension | 480*275*180 mm | | | |
| Product Weight | 8.8kg | | 6.5kg | |
| SAFETY | | | | |
| IP protection rating | IP65 | | | |
| IK protection rating | IK08 | | | |
| Residual Current Detection | AC 30mA/DC 6mA | | | |
| Electrical Protection | Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection | | | |
| EMC | Class B | | | |
| Certification | CE | | | |
| Certification Standard | EN/IEC 61851-1: 2019, EN/IEC 61851-21-2: 2021 | | | |