

SECOND GENERATION 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 7W, excellent energy-saving efficiency



Flexible Option

Type 2 Plug or Type 2 socket
 App operation or plug and play
 Wall-mounted or floor-stand installation



Secure and Safe

6mA DC residual current protection
 Anti-welding protection
 IP55 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: IP55
- -30 ~ 50°C wide Operating Temperature
- Warranty time: 3 years



For more about the Fox ESS EV charger
 Please visit:

WWW.FOX-ESS.COM



SECOND GENERATION 22KW EV CHARGER

TECHNICAL SPECIFICATIONS



MODEL	A022KP1-E-2		A022KS1-E-2	
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(with Shutter)	
RFID Reader			Mifare ISO/IEC 14443 A	
Start Mode			Plug&Play/RFID card/App	
COMMUNICATION				
WiFi, Bluetooth			Yes	
4G			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	320*190*130 mm		320*190*144.5 mm	
Product Weight	3.55kg		2.0kg	
SAFETY				
IP protection rating			IP55	
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 temperature protection			
EMC			Class B	
Certification			CE	
Certification Standard	EN/IEC 61851-1: 2019, EN/IEC 61851-21-2: 2021			