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℃ 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

FOX ESS

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	

Chromo Solar
SUNNY TIMES

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