

22KW DOUBLE-OUTPUT 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.

Dual output design
Space saving, dual charging



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
 IP55 rated

- Power: 22kW or 11kW*2
- Output Current: Max.32A or 16A*2
- 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



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TECHNICAL SPECIFICATIONS



MODEL	AT022-DP		AT022-DS	
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 or 16A		
Rated Power		22kW or 11kW*2		
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		
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		500*350*155 mm		
Product Weight		18kg	14kg	
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/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		