

# AUPINS EF400 series

## 360kw/400kw Public DC Quick Charger

Tailored for Global Markets / Market Compatibility

The AUPINS EF400 Series 360kW/400kW Public DC Quick Charger offers excellent mechanical strength and environmental protection. Advanced safety features, including over-voltage, over-current, short-circuit, and over-temperature protection, ensure stable and secure operation.

Supporting OCPP 1.6J and integrated communication protocols such as CAN and RS485, the EF400 Series can be easily connected to smart charging networks. It is suitable for installation in both public locations—such as urban areas, airports, and shopping centers—and commercial environments, including business parks and fleet depots.

Compatible with all EVs using the CCS fast charging standard, it offers charging power of up to 400kW, enabling efficient and reliable DC fast charging for a wide range of electric vehicles. After user identification through RFID, credit card, or mobile app, users simply connect the charger's output plug to the EV to begin a secure and high-speed charging process.

Multiple output configurations are available, including single DC, dual DC, or even triple output (DC+AC) simultaneously. Battery status and charging progress are clearly displayed, and users may terminate the session at any time using listed commands.

### Input Voltage

AC 400V ±10%,  
3-phase + neutral + PE

### Maximum Power

240kW / 320kW / 360kW /  
400kW

### Applicable Scenarios

Public fast charging stations,  
commercial fleet charging,  
highway rest stops, EV service  
centers

### Working Temperature

-30°C to +50°C



### Input Frequency

50Hz / 60Hz

### Output Current

Max 583A/642A

### Working Humidity

5%–95% (non-condensing)

### Working Altitude

≤2000m

### Why Choose AUPINS EF400 series 360 kW/400kw Public DC Quick Charger?

The AUPINS EF400 series 360 kW/400kw Public DC Quick Charger delivers high-efficiency, reliable fast charging suitable for a wide range of EV models and operational scenarios. Its modular design, broad compatibility, and advanced protections make it an ideal solution for public and commercial fast charging deployments. Backed by support for industry-standard communication protocols, it enables seamless integration with charging networks, helping operators deliver a superior charging experience.

## Parameter

AUPINS EF400 series 240kW/320kW/360kW/400kw Public DC Quick Charger			
<b>System</b>			
Charging type	Mode 4, 360kW (9*40kW charging modules)/400kW (10*40kW charging modules)		
Dimension (H x W x D)	1900 x 750 x 725mm (360kw) /2070 x 1020 x 910mm (400kw)		
Enclosure protection grade	IP54, IK10	Cable routing	Bottom inlet, top outlet wiring
Net weight	545kgs (360kw) / 560kgs 400kw)	Charging standard	IEC 61851-1, IEC 61851-23, CHAdeMO
Certificate	DEKRA certified CE, EN 61851-23:2014 + EN 61851-23:2014/AC:2016-06, IEC 61851-21-2: 2018, EN IEC 61851-21-2: 2021		
Protection	Over/under voltage protection, overload protection, current leakage protection, grounding protection, lightening surge protection		
Accessories	Cable management balancer reel		
<b>User interface</b>			
User authentication	RFID, Nayax credit card (optional), Mobile APP		
Display	10" LCD touch screen		
Support languages	English, Italian, Czech, Polish, Russian, Spanish, Romanian, Thai, German, French, Dutch (other languages upon request)		
Network interface	Ethernet, GPRS and LTE (optional), support manually download the charging data from the local ev charger by USB disk.		
Protocol	OCPP 1.6J (WS & WSS encryption), future upgradable to 2.0		
<b>Environmental</b>			
Working temperature	-30°C - +55°C, derating from 55°C to 75°C	Altitude	<2000m
Working humidity	5%-95% non-condensation	Cooling	Forced air cooling
<b>Model type EF400CC240/EF400CC320 EF400CC360/EF400CC400</b>			
<b>Input</b>			
Input voltage	400Vac +/-10%, 50/60Hz, 3-phase + neutral + PE		
Max. input current	583A (360kw) / 642A (400kw)		
Power factor	0.99 at nominal output		
Efficiency	94% at nominal output (360kw) / 95% at nominal output (400kw)		
<b>Output</b>			
Max. DC output power (single charging)	CCS-2: 240kW/320kW/360kW/400kW		
Max. DC output power (simultaneous charging)	1.Connector 1:120kW Connector 2:120kW 2.Connector 1:160kW Connector 2:160kW 3.Connector 1:200kW Connector 2:160kW 4.Connector 1:200kW Connector 2:200kW		
DC output voltage range	CCS-2: 150-1000VDC		
DC output current range	CCS-2: 0-400A		
Number of plugs	2		
Outlet connectors	CCS Combo-2		