

AUPINS EF040 Series

Public DC Fast EV Charger Tailored for Global Markets / Market Compatibility

The AUPINS EF040 Series Public DC Fast EV Charger is a robust and high-efficiency Mode 4 DC charging solution, designed to be installed in both public locations (urban spaces, shopping centers, airports and etc.) and commercial areas (companies, shopping malls). Available in both wall-mounted and pedestal installation formats, it supports dual charging standards—CCS Combo-2 and CHAdeMO—making it compatible with a wide range of electric vehicles up to 40kW. With a compact footprint, smart user interface, and multiple safety protections, the AUPINS EF040 Series Public DC Fast EV Charger ensures fast, reliable, and secure charging experiences in any environment. After user identification (with RFID, credit card or Mobile APP), by simply coupling the charger's output plug to the EVs, you will have a secured and fast charging process. The charging battery status is displayed and the charging process can be terminated by various user commands.

Input Voltage

400Vac +/-10%, 50/60Hz,
3-phase + neutral + PE

Maximum Power

40kW (single gun), 2x20kW
(dual simultaneous charging)

Output Current

CCS: up to 125A (single),
2x66.7A (dual);
CHAdeMO: up to 125A (single),
2x66.7A (dual)

Working Humidity

5% – 95% (non-condensing)



Input Frequency

50Hz / 60Hz

Output Voltage

CCS: 200–1000V DC,
CHAdeMO: 200–500V DC

Applicable Scenarios

Public parking, commercial fleet
stations, highway service areas

Working Temperature

-25°C to +50°C (derating from 50°C
to 75°C)

Parameter

AUPINS EF040 Series Public DC Fast EV Charger	
System	
Charging type	Mode 4
Dimension (H x W x D)	600 x 700 x 363mm, 1600 x 700 x 363mm (pedestal mount)
Enclosure protection grade	IP54, IK10
Cable routing	Bottom inlet and outlet wiring
Net weight	125kgs, 145kgs (pedestal mount)
Charging standard	IEC 61851-23, CHAdeMO
Certificate	DEKRA certified CE, EN 61851-23:2014 + EN 61851-23:2014/AC:2016-06, EN61851-1:2011
Protection	Over/under voltage protection, overload protection, current leakage protection, grounding protection, lightning surge protection
Accessories	Connector holder, wall-mounting bracket, ground-mounting pedestal
User interface	
User authentication	RFID, Nayax credit card (optional), Mobile APP
Display	7" 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)
Protocol	OCPP 1.6J (WS & WSS encryption), future upgradable to 2.0
Environmental	
Working temperature	-25°C – +50°C, derating from 50°C to 75°C
Working humidity	5% – 95% non-condensation
Altitude	<2000m
Cooling	Fan cooling
Input	
Input voltage	400Vac +/-10%, 50/60Hz, 3-phase + neutral + PE
Max. input current	65A
Power factor	0.99 at nominal output
Efficiency	94% at nominal output
Output	
Max. DC output power (single charging)	1.CCS: 40kW CHAdeMO: 40kW 2.CCS: 40kW
Max. DC output power (simultaneous charging)	1.CCS: 20kW CHAdeMO: 20kW 2.CCS (1): 20kW CCS (2): 20kW
DC output voltage range	1.CCS: 200 – 1000VDC CHAdeMO: 200 – 500VDC 2.CCS: 200 – 1000VDC
DC output current range (single charging)	1.CCS: 0 – 125A CHAdeMO: 0 – 125A 2.CCS (1): 0 – 66.7A CCS (2): 0 – 66.7A
DC output current range (simultaneous charging)	1.CCS: 0 – 66.7A CHAdeMO: 0 – 66.7A 2.CCS (1): 0 – 66.7A CCS (2): 0 – 66.7A
Number of plugs	2
Outlet connectors	CCS Combo-2 CHAdeMO JEVS G105 CCS Combo-2

Why Choose AUPINS EF040 Series Public DC Fast EV Charger?

The AUPINS EF040 Series Public DC Fast EV Charger is an ideal solution for municipalities, service operators, and EV infrastructure developers who demand versatility, performance, and user-friendliness. Its dual-standard output, multilingual interface, and flexible deployment options make it suitable for global applications. Designed with safety and durability at its core, the AUPINS EF040 Series Public DC Fast EV Charger delivers dependable fast charging to keep electric mobility moving forward.