

DC 125 AD Charger

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125kW
Fast Charging

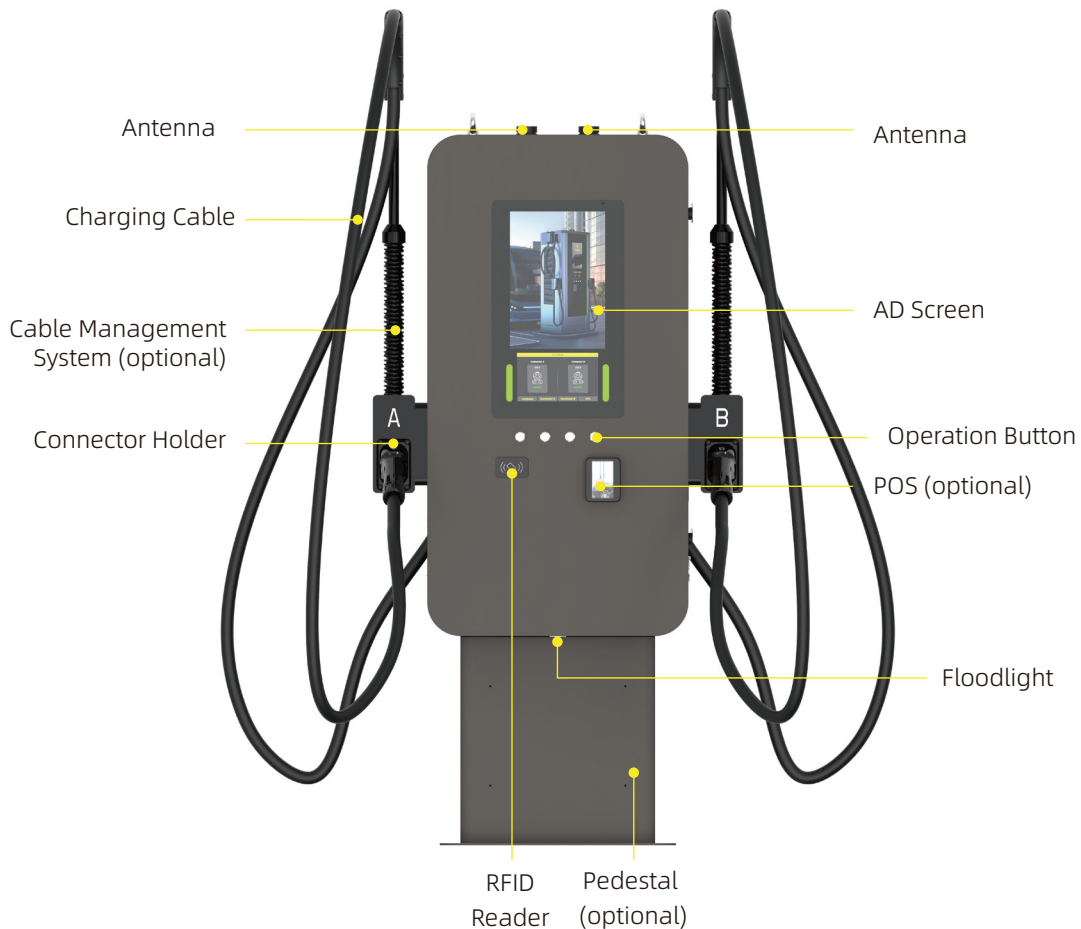
With 21.5' AD screen, designed for city quick charging stations, chain stores parking lots, public or commercial buildings.



Product Overview

Intended Use

The integrated DC charger is suitable for city quick charging stations, chain stores parking lots, public or commercial buildings and other situations that demand DC fast charging.



Advertising Broadcast

- Support play video advertisements and print advertisements to increase the revenue of CPO

Quick City Charging

- Featuring a compact design for wall or pedestal mounting
- 62/125kW fast charging
- Rapid deployment of charging stations on existing utility infrastructure

Modular Design

- Enables quick and easy maintenance

Smart Integration

- Support seamlessly integrates with POS terminals, OCPP backends, and load management systems
- Support latest EV charging ecosystem

Reliable Operation

- Connectivity to the Garden maintenance backend enables pre-diagnosis, remote analysis, and updates, ensuring system reliability and simplifying operations
- Conforms with PAS 1899 accessible charging standard

Technical Data

System Specification	DC 125	DC 125	DC 62
Module	EVB-CE-DCT125-312	EVB-CE-DCT125-311	EVB-CE-DCT062-311
Application	Indoor or outdoor		
Operation Temperature	-30°C to +50°C		
Storage Temperature	-40°C to +70°C		
Humidity	≤95% RH		
Efficiency	≥97%		

AC Input

Input Voltage	400Vac±15% (3P+N+PE),50/60Hz
Grid	TN, TT
THDi	≤5% (≥50%)
Power Factor	≥0.98
Overvoltage Category	OVC III, DIN EN 60664-1

DC Output





Max Output Power	125kW	125kW	62kW
Output Voltage Range	150~1000Vdc		
Output Current	300A (Boost) 250A (Rated)	300A (Boost) 250A (Rated)	208A (Rated)
Charging Connector	CCS2*2	CCS2*1	CCS2*1
Cable Length	5m		

General

Certifications	CE/UKCA/CB/Eichrecht
DC Protocol Standard	DIN 70121, RSO 15118
Charging System	IEC 61851-1, IEC 61851-21-2, IEC 61851-23, IEC 61851-24
RFID	ISO/IEC 14443A: MIFARE Classic EV1
Network Connections	FDD-LTE (Band1/3/7/8/20/28A) , TDD-LTE (Band38/40/41) , WCDMA (Band1/8) , GSM (Band3/8)
Communications Protocol	OCPP 1.6j, OCPP 2.0.1 (Future)
AD Screen	21.5" display, LCD
POS Terminal	Optional (Payter 66 / Apollo)
Cable Management	Optional
Cooling Mode	Forced air cooling
Noise Level Adjustment	<55dB (Front 1m / 25 °C)
Protection	RCD 30mA Type A, UVP, OVP, Surge protection, OCP, Control pilot fault, Residual current protection, OTP, Relay welding detection
IP	IP55
IK	IK10
Dimensions	H1210×W600×D380mm



Charging Made Carefree

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evbee.com



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