Datasheet

EVbee

DC 125
AD Charger

"

125kW
Fast Charging

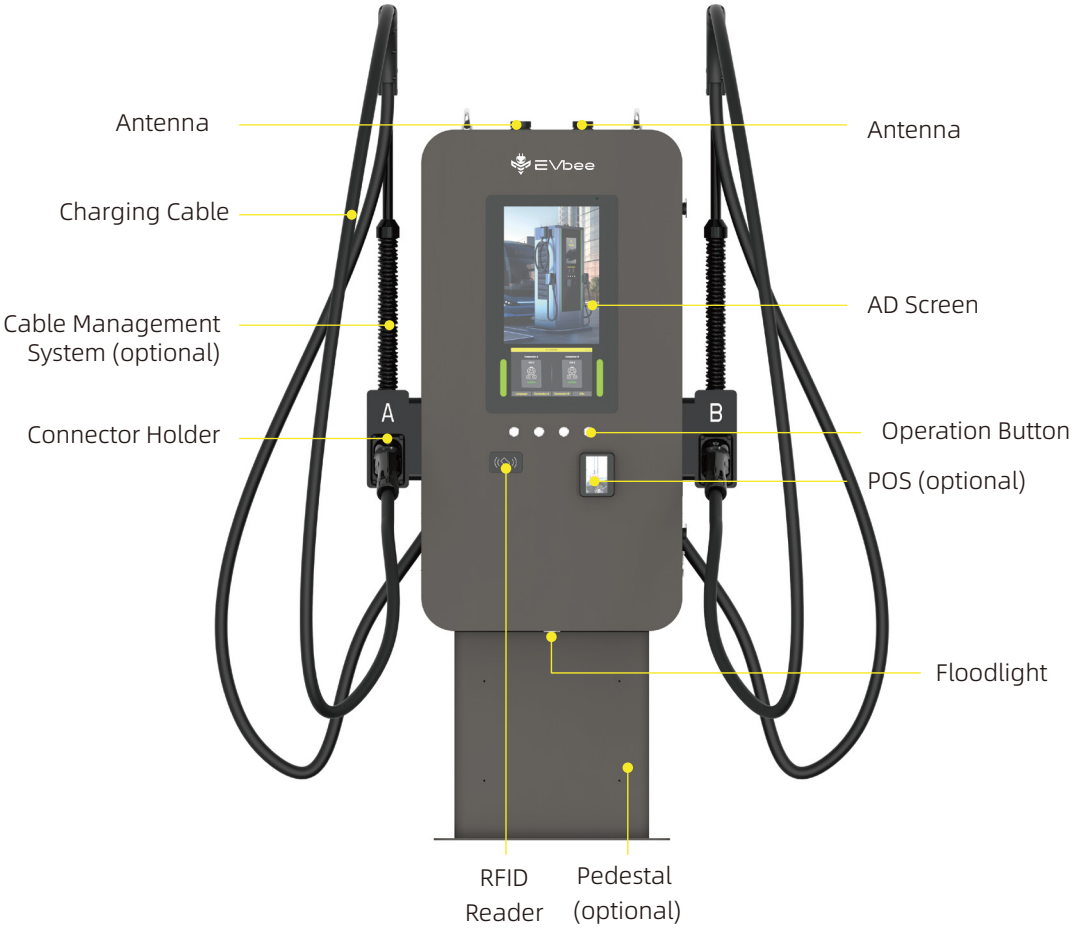
With 21.5’ AD screen, designed for city quick charging stations, chain stores parking lots, public or commercial buildings.



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℃ to +50℃		
Storage Temperature	-40℃ to +70℃		
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	350A (Boost) 250A (Rated)	350A (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	CCS2: ISO 15118, GBT: GB/T 27930		
Charging System	IEC 61851-1, IEC 61851-21-2, IEC 61851-23, IEC 61851-24		
RFID	ISO/IEC 14443A: MIFARE Classic EV1		
Communication Mode	4G, WiFi, Ethernet, Bluetooth		
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

Product datasheet DC 125

Evbee

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