

AC 44

public Charger

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Smart Public Charging

Designed for car parks,
shopping centers, hotels
and workplaces.



Features

User-friendly Display

The EVbee AC 44 Public Charger features a clear user-friendly display, enabling easy access to key information such as payment, charging status, and user identification. This display ensures a seamless charging experience for EV drivers and operators, and simplifies the management of public charging networks and businesses.

Dynamic Load Balancing & Smart Charging

The charging station offers a high uptime of 44kW charging and intelligent dynamic load balancing. This feature reduces the peaks in your energy usage by adjusting power depending on energy consumption. The EVbee AC 44 Public Charger is a smart, efficient and reliable charging solution for EV owners and operators with a 10-year working life.

Robust & Minimalistic Design

All of our charging solutions are designed for durability and longevity, the EVbee AC 44 Public Charger is no exception. The charging station features a robust casing made from a stylish aluminium panel that can withstand daily use.

Seamless App Integration

The EVbee AC 44 Public Charger can be managed effortlessly via your smartphone or tablet. Modify charging sessions at the tap of a button. Compatibility with 4G, Ethernet, Bluetooth, RFID, means there are a wealth of technologies available depending on your requirements.

Safe & Easy Installation

The EVbee AC 44 Public Charger features hardware protection, software protection and intelligent temperature control to ensure the safety of you and your electric vehicle. It has been designed to optimise your charging experience from the get-go. The charger has been tested and installed in-house to guarantee an installation time of just 20 minutes. The charger can be installed in series, further reducing large-scale installation time and costs. This type of installation allows for efficient power distribution, and enables multiple charging stations to be connected seamlessly, facilitating the management of public charging networks.



Core Advantages



Safety

- Intelligent operation and maintenance
- Hardware protection
- Software protection
- Intelligent temperature control
- Platform monitoring



Smart Functionality

- Digital intelligence
- Intelligent allocation
- Remote monitoring
- Remote upgrade
- Remote diagnosis



Reliability

- Stable and reliable
- 99.9% Uptime
- Passed 117 rigorous tests
- Professional certification



Flexibility

- Convenient and flexible
- Modular design
- Easy maintenance
- Platform interconnectivity
- Complete technology chain

Scenarios



Parking Lots



Shopping Malls



Hotel



Workplace



Industrial Park

Parking Lots

Ideal for charging electric vehicles in parking lots with a high footfall.

Shopping Mall

Perfect for commercial centers, including transportation hubs, shopping malls, technology parks, and retail parks. Suitable for use with taxi apps, logistics vehicles, and private vehicles.

Hotel

Suitable for charging self-driving EVs, and the electrical vehicles of customers, business travelers, and hotel employees etc.

Workplace

Designed for electrical vehicle charging in office parking lots, providing charging for employees and customers even during high demand.

Industrial Park

Suited for charging operating vehicles that require stable and convenient emergency replenishment. The EVbee AC 44 Public Charger also provides convenient charging for electric vehicles of industrial park staff, business employees, and external business personnel.

Technical Data

System Specification

Dual AC 44

Module	EVb-CE-ACT022-30M
Dimensions(mm)	380(W)*1545(H)*240.5(D)
Weight	~45kg
Operating Temperature	-30°C to +55°C
Storage Temperature	-40°C to +80°C
Material	Plastic and aluminium alloy
Certifications	CE/UKCA

AC Input

System Power	2*22kW
Max. Output Current	2*32A
Input Voltage	230(1P+N+PE)/400Vac(3P+N+PE), IT
Charging Mode	Mode 3
Charging Socket	2*IEC Type 2
Fixed Charging Cable	No
Energy Metering	±1%, MID compliant, value visible outside

General

User App and Configuration	Control charging with the App
Charging Status	Dynamic LED ring for charging status
Authentication	RFID, APP, POS, PnC
Cloud Connection/Network	WiFi, 4G LTE, Ethernet
Communications Protocol	ISO 15118-20 + PnC + V2G + OCPP 2.1/1.6
Installer App and Configuration	Configure with the installer app through Bluetooth Low Energy
Screen display	10.1" touch screen

Safety and Protection

RCBO	TypeA AC 30mA + DC 6mA
Overvoltage Category	III
Cooling method	Natural cooling
Noise Level Adjustment	<50dB
IP Rating	IP55
Impact Resistance	IK10(Enclosure)/IK08(Glass)
Temperature Monitoring	Internal sensors



Charging Made Carefree

 Product datasheet AC 44

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