

e:bike
WALL

E:bike charging stations for hotels, restaurants, shops & business sites

A wall-mounted charging station for electric bikes featuring customizable charging ports and connector types. Designed for maximum convenience, safety, and maintenance-free operation.

Key Features

- Suitable for indoor and outdoor use
- Custom graphic design available upon request
- Compatible with most types of e-bikes used in Europe
- Made in the Czech Republic from sustainable materials

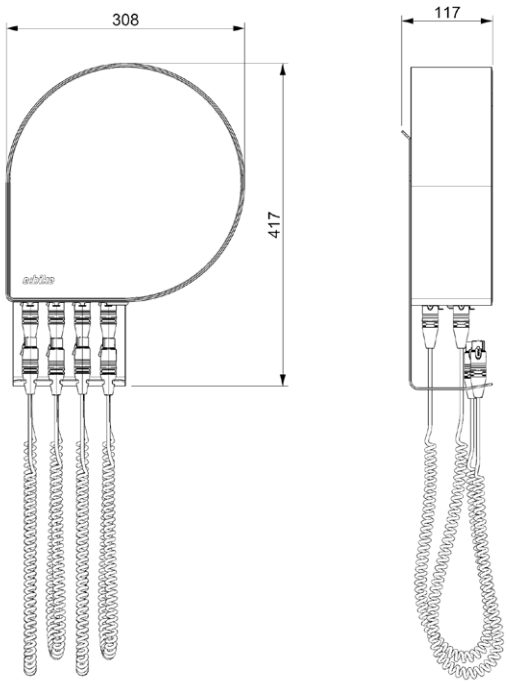
Equipment

- Autonomous operation without the need for supervision
- Option of interchangeable cables with various connectors, or fixed cables with an integrated holder

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The station is the ideal solution for charging electric bikes of any type in both public and commercial/ private facilities. The device is designed for simultaneous charging of up to four e-bikes. The type of output connectors can be configured according to the customer's requirements.

Basic dimensions incl. cable holder:



Specifications	
Output voltage	42 V DC (for 36 V battery systems) 54.6 V DC (for 48 V battery systems, SELV definition)
Input voltage	230 V AC
Number of charging cables	1-4
Circuit breaker	10 A, characteristic B
Protection	IP 54
Weight	13-16 kg
Operating temperature	-30 °C to + 50 °C
Status indication	RGB optional
Charging Sources and Connectors	UNIversal (Jack 2.1, XLR3, Rosenberger/Energybus) Bosch Active/Performance (2-6 A) Bosch Smart (2-6 A) Shimano Steps (2 A, 4 A)

The charging station is designed for e-bikes and batteries operating at 36 V (which accounts for approximately 98% of all e-bikes on the European market).

The e:bike WALL can be equipped either with fixed cables and holders for when not in use, or with interchangeable cables connected via a unique magnetic socket. In the latter case, the device can be supplied with or without a cable holder.

The station is prepared for the possible future unification of charging connectors within the EU!

Proudly designed and produced in the Czech Republic with respect to nature.

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How long does it take to charge an e-bike?

What are the charging costs?

Charging time depends on battery type, capacity, and the charging current. Below are estimated charging times and costs (based on €0.2872/kWh) to charge a battery from 20% to 80%:*

	Charging current	Battery capacity		
		350 Wh	500 Wh	750 Wh
Charging times 20-80%	**2 A** (slow)	1 hr.	1.5 hrs.	3 hrs.
	4 A (medium)	0.7 hr.	1 hr.	2.1 hrs.
	6 A (fast)	0.5 hr.	0.8 hr.	1.5 hrs.
Energy consumption (kWh)		0.21	0,3	0,45
Charging cost (0,2872 €/kWh)*		0.0603	0.0861	0.1292

* Source: Eurostat, Electricity price statistics

Frequently Asked Questions (FAQ)

Can charging be monetized?
Yes, technically it is possible—via QR code payment or an integrated payment terminal. However, transaction fees often outweigh the actual cost of electricity.

Why provide free charging to e-cyclists?
If you own a bistro, restaurant, snack stand, etc., the cost of purchasing and operating the station will be offset by increased customer spending. Moreover, you increase your visibility by listing the charging point on online maps.

What does installation involve?
The station mounts to a prepared concrete foundation using threaded rods and the included template. It requires a standard 230 V power supply with a dedicated 16 A (Type B) circuit breaker. Professional installation by a qualified technician is strongly recommended.

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What can your station look like?

The front panel design can be customized to match your branding, venue style, or development project (custom colors, info, logos, etc.). At no extra charge, the station comes with one of two standard designs: Bloom or Blue Lagoon.



Bloom
Brown



Blue Lagoon
Blue

Example 1 Developer project with magnetic sockets, without cable holder



Example 2 Private investor installation with magnetic sockets and cable holder



Example 3 Guesthouse installation with magnetic sockets, without cable holder



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