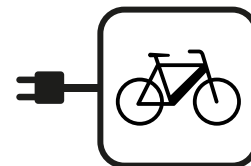


e:bike
B A R



Electric bike charging solution for restaurants, guest houses, bike parks, etc.

The unique e:bike BAR charging station integrates mass charging of e-bikes into the stand regardless of the type of e-bike and its size. You no longer have to decide whether it is a road or enduro e-bike. And you don't even have to decide whether it is a classic bike or an e-bike.



- suitable for interior and exterior
- intended for simultaneous charging of up to 8 e-bikes
- it is also possible to deliver combinations with/without charging
- compatible with most types of e-bikes operated in Europe
- with interchangeable or fixed charging cables

www.iont.tech/en

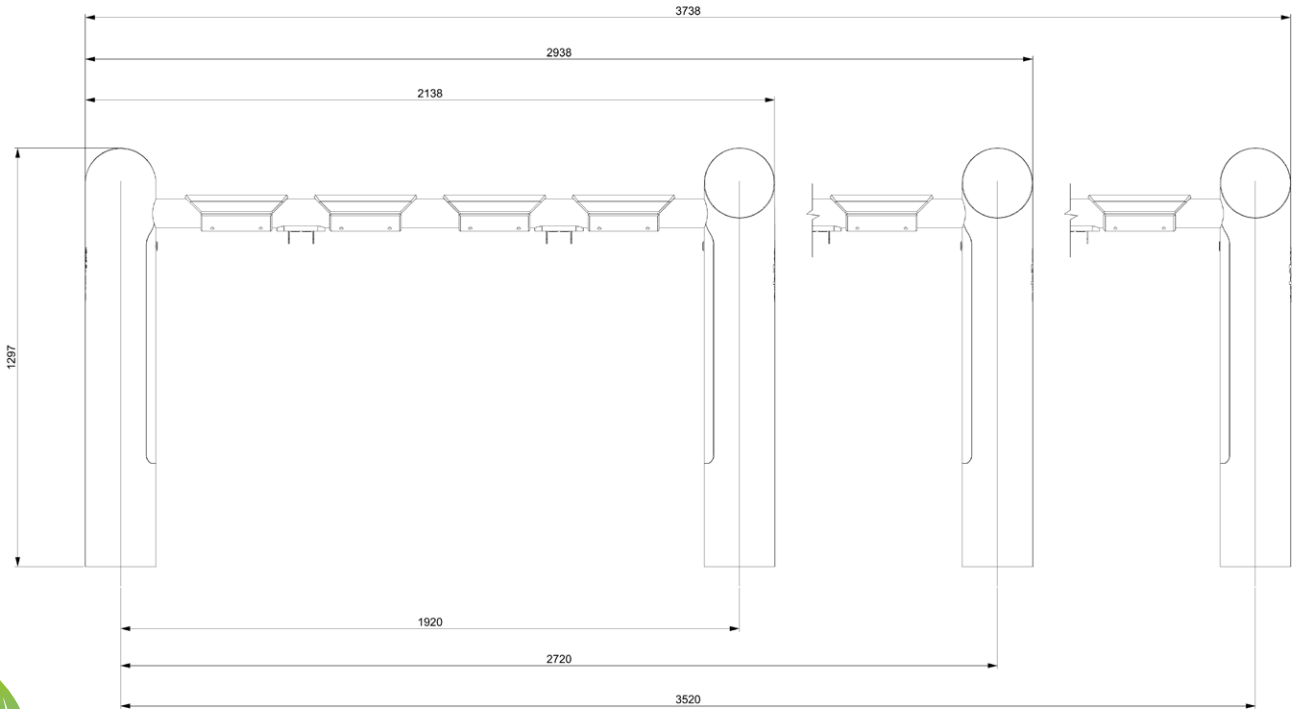
The station is an ideal solution for charging e-bikes of any type in both public and private facilities such as restaurants, bistros near cycle paths, etc. Recharging is usually free, but it is returned many times over in the increased spending of visitors. The price of charging varies according to the tariff in the order of euro cents.

The charging station is supplied with universal power sources without communication. These sources can be replaced with Bosch or Shimano STePS sources with communication and different charging characteristics (2-6 A).

The charging station is standardly manufactured for electric bikes /batteries/ operating with a nominal voltage of 36 V. At the client's request, it is possible to install sources with a nominal voltage of 48 V.

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

Specifications	
Max. 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
Nr. of charging cables	1-8
Circuit breaker	10 A, characteristic B
Protection	IP 54
Operating temperature	-30 °C až + 50 °C
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)



Proudly designed and produced in the middle of Europe with respect for the environment.

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

What are the charging costs?

Charging time depends on the battery type and capacity as well as charging current. Below is an approximate time and cost of charging (at 0,2872 €/kWh*) for charging from 20% to 80% depending on battery capacity:

Charging current		Battery capacity		
		350 Wh	500 Wh	750 Wh
Charging times 20-80%	2 A (slow)	1 hr.	1,5 hr.	3 hr.
	4 A (medium)	0,7 hr.	1 hr.	2,1 hr.
	6 A (fast)	0,5 hr.	0,8 hr.	1,5 hr.
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 – by payment via QR code or by integrating a payment terminal. However, the cost of the payment transaction usually exceeds the cost of charging itself.

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 consumption. Moreover, you increase your visibility by listing the charging point on online maps.

What does installation involve?

The installation is carried out on a pre-prepared foundation using threaded rod mounting according to the template and a standard 230 V power supply with separate 16 A fuse, characteristic “B”. We recommend installation by a trained technician.

Installation examples and details

