



# BI-CHARGED

## EXPLORE MAITIM'S UNIVERSAL E-BIKE CHARGING STATIONS

POWER UP YOUR E-BIKE RIDE



### CHARGE AHEAD: A CLOSER LOOK AT E-BIKE CHARGING STATIONS

At MAITIM, we take pride in supporting the growth of electric mobility as an essential component of socially responsible sustainable development in both urban and rural regions.

With a rich 30-year history of innovation and excellence, we have partnered with leading Slovenian experts and designers to create the Universal E-bike Charging Stations. Our charging stations are not only unique, but they are also multifunctional, technologically advanced, 100% safe and designed to perfection.



### THE POWER OF E-BIKE CHARGING STATIONS FOR LONG, COMFORTABLE, AND RELAXING RIDES

E-bikes are rapidly growing in popularity due to their numerous advantages over both cars and traditional bikes. Compared to cars, e-bikes are more eco-friendly, easier to park in cities, and promote physical exercise. When compared to traditional bikes, e-bikes make long-distance cycling and uphill rides more manageable. Additionally, they reduce physical strain and are suitable for a wider range of people, including those who are not in the best physical shape or who have health issues. E-bikes are also an excellent way to spend leisure time and holidays actively.

For every e-biker embarking on a long-distance ride, finding an e-bike charging station can be a source of worry. However, it is up to us to eliminate this concern.





### HARMONIZING WITH ALL ENVIRONMENTS

BI-charged has a modular design that allows it to blend into any architectural or natural environment, just like a chameleon! With custom-made options for selecting different supporting pillars of unique forms, materials, and colors, they will fit perfectly into urban, rural, or mountain landscapes.

### FINDING THE SWEET SPOT: OPTIMAL LOCATIONS

The integration of e-bike charging stations is an essential component of any comprehensive e-mobility infrastructure in cities, suburbs, countryside, and cycling mountain trails.

It presents a unique opportunity for municipalities, tourist associations, hoteliers, and e-bike providers to fulfill a growing need for charging infrastructure at resting spots and parking areas for e-bike riders. These charging stations should be strategically placed at bus and railway stations, near bars and hotels, in camps, caravanning resorts, and all tourist attraction points, including city centers, parks, shopping centers, office buildings, parking garages, and multifamily facilities.



### PRACTICAL & MULTIFUNCTIONAL

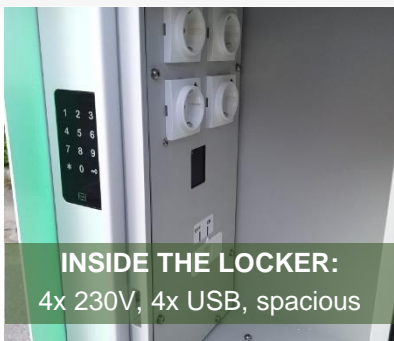
This modular e-bike charging station is built with a secure, powder-coated INOX material housing, which can be installed on a carrier or wall-mounted. It provides four 230V socket outlets and four USB ports, allowing you to charge your e-bike's battery, as well as your mobile phone, portable battery, or any other small USB device. If the charger is fixed on an electric bike, it can be connected to electricity via cable.

### USER FRIENDLY & EASY TO USE

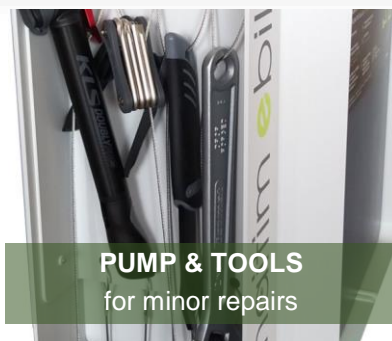
The Charging Station comes with wiring ready to be connected to the existing electrical network. The included lock is easy to use and ensures the safety of the batteries and other devices being charged inside the locker.







**INSIDE THE LOCKER:**  
4x 230V, 4x USB, spacious



**PUMP & TOOLS**  
for minor repairs



**ONE BUTTON LOCKER**  
4 e-bikers charging at once

**YOU CAN OPT FOR A PAID OR FREE CHARGING STATION**

Two standard payment options: RFID identification and digital lock with numeric password.

Optional: upgrade to different payment systems (coin deposit lock, card payment, Bluetooth, Wi-Fi ...).

**OPTIONS:**

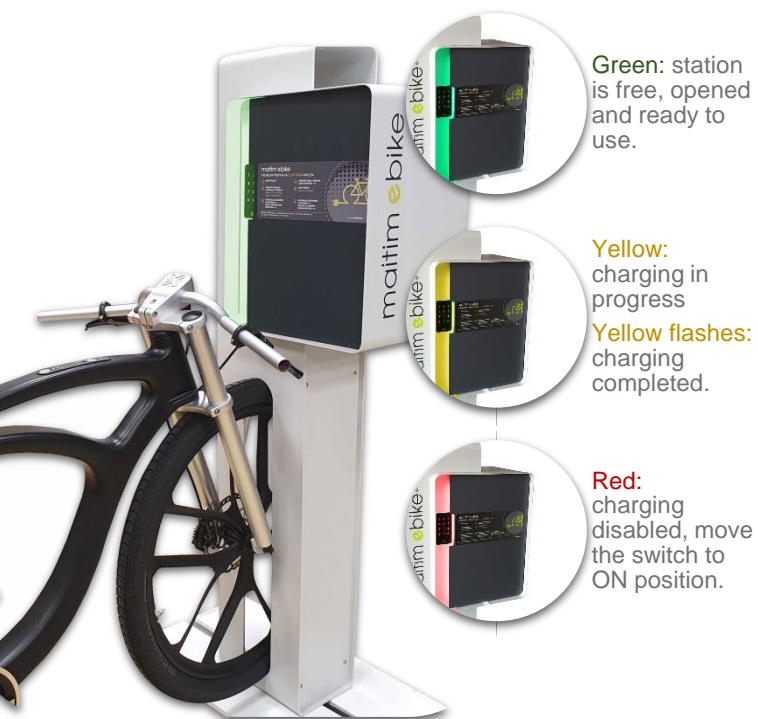
- solar panels (pillar or canopy installation)
- canopies
- e-bike stands & backrests

**PERFORMANCES:**

- multiple charging compartment lockers in one place,
- locker with lock – safe storage of belongings inside,
- one button locker: four e-bikers charging their batteries simultaneously on spot,
- freestanding single station,
- freestanding double station.

**THE FUNCTIONAL 3-COLORED LED ILLUMINATION OF THE LOCKER**

informs users when the locker is locked/unlocked and when the battery is fully charged.



**Green:** station is free, opened and ready to use.

**Yellow:** charging in progress  
**Yellow flashes:** charging completed.

**Red:** charging disabled, move the switch to ON position.



Implementation with a solar power plant.





## CHECK THIS OUT - 360° ELECTRIC BIKE PARKING



An e-bike parking option is available **from all sides** of the charging station. The supporting pillar also serves as a **stand for electric bikes**, allowing them to be securely locked to the charging station using a simple bike lock.

The standard e-bike charging station is also **equipped with a pump and tools** for quick fixes.



## 100 % SAFE FOR ALL USERS

The charging station is designed to be **safe in all weather conditions** and can be installed outdoors without a shelter. It is engineered to ensure that the user cannot come into contact with any voltage. The electrical current in the sockets only becomes active once the cabinet is locked. This feature is particularly important in areas where there is a risk of condensed moisture, rain, or snow, as it helps to prevent any accidental contact with electrical components. Additionally, it is especially important for the safety of individuals with pacemakers.

One of the key benefits of the charging station is that it provides **protection for the most expensive component** of an e-bike: the battery. Users can securely lock their battery and other belongings in the cabinet using a digital lock, and then move away from the charging station for an extended period, as the charging process typically takes several hours. This feature provides greater flexibility and convenience for e-bike riders, while also ensuring that their valuable equipment remains safe and secure.

## SOME CHARGING STOPS IN SLOVENIA



Brezje, Gorenjska



HE Arto Blanca



Lendava



Turjak, Velike Lašče



Trnovo, Nova Gorica





# Multiple Charging Compartment Lockers

## BI-CHARGED: UNLOCKING THE POWER OF CHARGING LOCKERS

A SPACE-SAVING & PRACTICAL SOLUTION FOR AREAS WITH HIGH FOOT TRAFFIC AND LIMITED SPACE

A Multiple Set of Charging Lockers linked together is an ideal solution for public places with high foot traffic, where physical space is limited. The lockers can be free-standing or wall-mounted.

### INSTALLING AT RAILWAY AND BUS STATIONS

Double the Benefits! BI-charged charging stations and lockers promote:

- E-MOBILITY
- REGULAR USE OF PUBLIC TRANSPORTATION

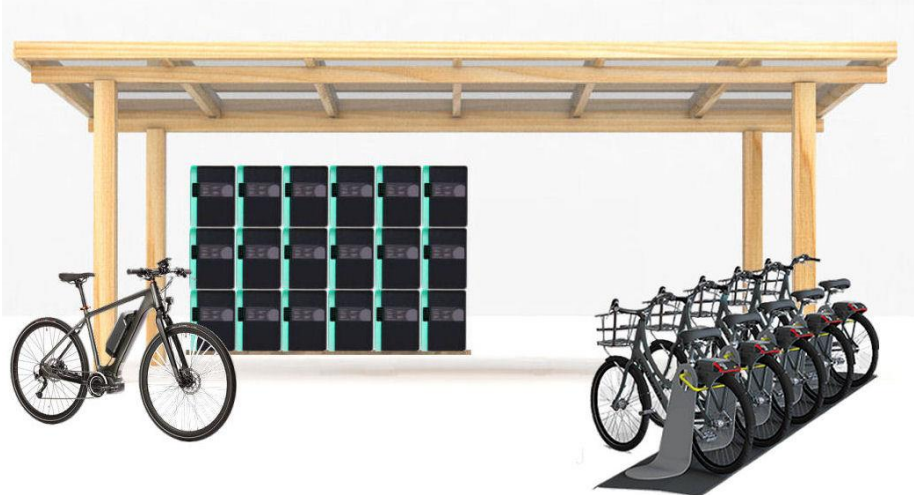
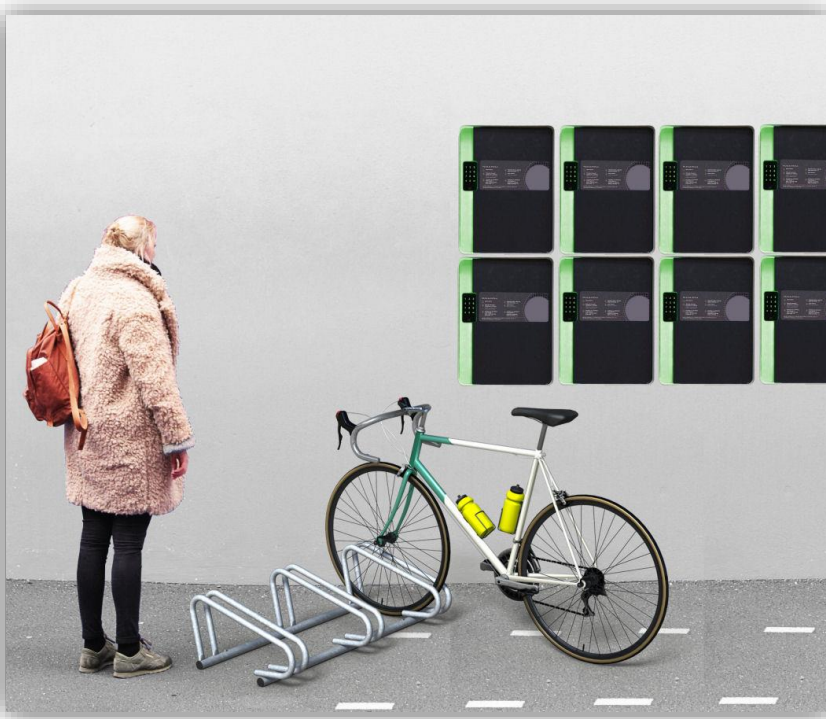
For instance, a worker can arrive at the station with an e-bike, connect the battery to electric power inside the locker, and then take the bus or train to work. At the end of the day, they will find a fully charged and securely stored battery.

### PERFORMANCES

- the number of lockers in one set is up to you,
- wall-mounted,
- freestanding on a pedestal.

### OPTIONS

- canopies,
- solar panels (battery charging via solar energy),
- INOX stands and backrests for e-bikes



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All e-bike riders will surely appreciate this stylish, high-quality, safe, and functional charging station, which also happens to be environmentally friendly.