



LiON Box

the universal e-bike charging station



Product information and arguments for the four main groups of customers

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LiON Box

Product information



LiON Box Max – future-proof 36 V e-bike charging station (wallbox) with 3 charging points, 6 direct connection plugs

2 charging points for direct connection

1 Schuko socket for chargers

No extra cable or charger needed

for ca. 95 % of the common e-bikes

Fast charging with 4 A charging current & the highest energy efficiency on the market

Pre-charging function & automatic switch-off ensure gentle charging at all times

Simple mounting with mounting brackets, no electrician required

Safe operation, impact-resistant & robust housing

Engineer's LiON Box Max is a convenient, easy-to-install wallbox for charging up to 3 e-bikes simultaneously. It has been specially developed for universal use. Through a clever selection of different charging plugs, the box covers approx. 95 % of the common batteries. The user connects the bike directly and does not need to bring his own charger or cable. The electricity costs per hour for a charging point at full capacity are between 6 and 7 cents.

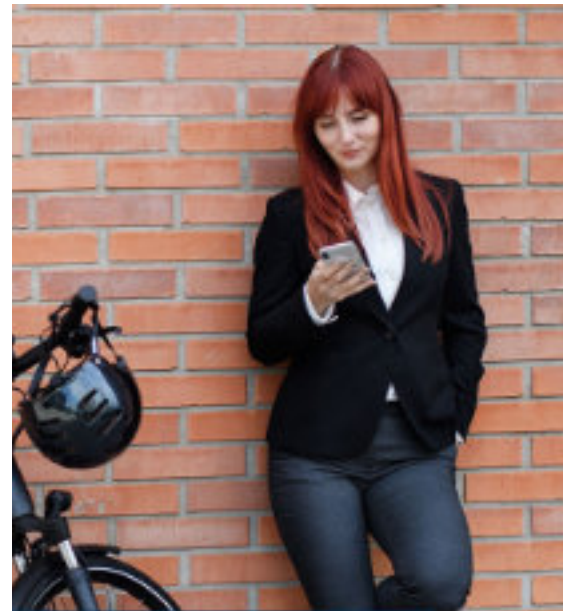
The 3-way charging plugs, known as LiON Splitters, can be removed and exchanged by the deployer, e.g. to react to technical developments with new variants. This makes the LiON Box Max future-proof.

Thanks to the mounting brackets, the box can be mounted directly on the wall. As soon as the mains plug is plugged in, it is ready to start. So there's no need for an expensive electrician. In addition to its very compact dimensions, the LiON Box is a real eye-catcher. Technically, it is the forerunner in the market. Two separate charging electronics with 6 plugs ensure safe charging of the common 36 V systems. Charging is fast with 4 A current and the highest energy efficiency on the market. It is also always gentle thanks to the pre-charging function when the battery is empty and the automatic switch-off of the process when the battery is full. If a battery is not covered by the combination of direct-charging plugs, a 230 V Schuko socket provides an additional connection point for chargers.

The housing is extremely robust and resistant. Together with extensive protective circuits, this ensures safe operation. Of course, the LiON Box is weatherproof and can therefore be used both indoors and outdoors. Stable cable holders on the housing provide additional safety. The long service life of 20,000 operating hours at maximum workload and the extremely low stand-by power of less than one watt per direct charging point are also worthy of special mention.

LiON Box

Customers: Companies



We energize your crew!
Employee engagement, job bike leasing, greater appeal to top applicants

No technician needed: You only need a common outdoor socket, the LiON Box does the rest.

Universal charging solution for 95 % of all common systems like Bosch, Yamaha, BMZ, Specialized and many more.

Future-proof: If you need new connection standards, you only need to exchange the cable, not the LiON Box.

Convenient: Your employees do not need to bring their own charger to work. The right cable is always on site.

Safe: No fire hazard due to safe outdoor charging with optimised charging management and double fuse protection.

No imputed income: In many countries offering opportunities to charge e-bikes for free acts as a free bonus to the unaffected wage or salary.

Position your company as a true pioneer for sustainable mobility and optimise your company bike leasing!

Proudly show that you offer your employees healthy mobility options with the LiON Box and promote mobility during leisure time. With the LiON Box, you increase the incentive to come to work in an environmentally friendly and sporty way by e-bike and offer a free charging option. In this way, you increase the health, fitness and motivation of your employees, improve the working atmosphere and offer an incentive for interesting applicants to choose your company.

In many countries free charging of private e-bikes at the workplace is tax and social security free. According to the German Federal Ministry of Finance, charging with the LiON Box is not considered a monetary benefit, but a clever employee benefit. The employees benefit from the fast and universal charging technology, the employer has only low operating costs. Experience shows that the employees' e-bikes need about one hour to be charged up for the way home (approx. 6.5 cents).

E-bike batteries can be a fire hazard. For example, if they are charged incorrectly or get damaged in an accident. Therefore, it is important to make sure that the batteries are not charged indoors under the desk or in the break room, but outdoors and preferably with the LiON Box. The LiON Box with its optimal charging management not only significantly reduces the risk of fire, it also comes with the charging plugs for almost all e-bikes.

LiON Box

Customers: Municipalities, public enterprises and energy suppliers



The e-bike charging station for the smart & environmentally conscious city! Sustainable mobility, traffic relief, bicycle tourism

Sustainable mobility: An alternative to conventional means of transport for citizens, which can also improve the relationship between them and the community.

Greater appeal to cycling tourists: Cycling tours are becoming increasingly popular. Attract more visitors and enable them to explore the surroundings more comfortably!

Extending the length of stay: Citizens and tourists spend more time in the business centre to recharge the battery a little further.

Reducing traffic volume: E-bikes as a means of transport for going to the authorities & shopping reduce exhaust fumes and ease the traffic and parking situation.

Positioning as a climate-conscious destination: Use the LiON Box to present the municipality as environmentally-friendly and future-oriented in your public relations work!

The installation of e-bike charging stations in municipalities is an important step towards promoting sustainable mobility and environmental protection. But it is also a building block for increasing business revenue and promoting tourism.

Charging stations make it easier for cycle tourists to visit your town, as they can conveniently charge their e-bikes. This makes your town and the surrounding area more attractive to cycle tourists. Even mountainous regions that are difficult to ride in on classic bikes suddenly become interesting destinations for this rapidly growing community.

Active promotion of e-bike tourism enables your guests to explore the surroundings better and faster. And this improves their experience. Offer your guests a convenient and safe way to charge their electric bike with the LiON Box.

Furthermore, charging stations for electric bicycles can be a contribution to extending the length of stay of tourists, as they enable longer tours. Locals also often stay longer in your business centre if they can fill up their bike's battery with a little more energy. Thus, cargo bikes also become real alternatives for weekly shopping.

Use the LiON Box charging station in your public relations work such as press releases, social media posts and other marketing materials to present your municipality as environmentally friendly and future-oriented.

By using electric bicycles, citizens can become more physically active, which contributes to improving their health and well-being. The commitment of the municipality or the energy provider to health and environmentally friendly mobility shows how important the people living there are to them!

LiON Box

Customers: Hotels and gastronomy



An electrifying advantage for your gastronomy More guests, higher satisfaction, increased length of stay

More guests: Whether spontaneous "refuelling stop" or planned destination of the bike tour. Appeal to the growing, high-turnover target group of e-bike riders!

Bicycle tourists: When planning their tours, e-bikers look for accommodation with charging facilities for their bikes. Target this community in advertising and social media. Stand out in the popular app E-Station with the lion's head as the icon for listed LiON boxes.

Increased guest satisfaction: Charging e-bikes without having to bring extra cables or chargers delights your guests and leads to recommendations and positive reviews.

Exclusivity: Stand out from your competition. E-bike charging stations can be an exclusive offer - the LiON Box underlines your unique selling proposition through its universality and simplicity.

Safe: No fire hazard due to safe outdoor charging with optimised charging management and double fuse protection.

Profit from the upswing in cycle tourism, stand out from the competition and increase the number, length of stay and satisfaction of your guests!

Electric bicycles continue to become more popular. More and more people are using this environmentally friendly and cost-effective form of transport to cover short distances in the city or in the countryside. One way to increase the attractiveness of hotels, restaurants, cafés and other catering establishments for e-bike riders is to set up e-bike charging stations.

But e-bikes are also gaining ground in the increasingly popular area of multi-day cycle tours and day trips. Take advantage by offering a smart and convenient way to charge the pedelecs and draw attention to it in your online presence, social media and advertising. Stand out from your competitors by scoring points with the universality and intuitive, convenient operability of the LiON Box.

Stand out in the popular app E-Station! The LiON boxes which are listed in the app use an unique and striking icon in form of a blue lion's head on the map.

Strengthen the green image of your hotel and show active commitment to climate and environmental awareness as well as sustainability. This is an important, positive selection criterion for many guests today. With the highest energy efficiency on the market, the LiON Box additionally emphasises this point.

LiON Box

Customers: Retail



Charging time is shopping time!

Increase in turnover, image improvement and competitive advantages

Attract more customers and be discovered by them with the eye-catching LiON Box. E-bikers charge their bikes in front of your shop and integrate the charging station and your shop into their shopping routine.

Address a customer group that is not only growing quickly and steadily but is also considered to have a particularly high purchasing power. Increase the number and dwell time of your customers and benefit from increased revenues.

Increase in turnover: Customers stay longer in your shop to charge their bike a little more. This leads to spontaneous purchases and an increase in turnover.

The bicycle market is growing, and e-bikes in particular are becoming increasingly popular. The customer group of pedelec riders is considered to have a high-turnover and is characterised by a great interest in sustainability and ecology, sports, organic, health and care products. They prefer regional products and are willing to pay higher prices for quality.

Competitive advantage: Stand out from your competitors by offering your customers convenient, direct and always battery-friendly e-bike charging! This will also get you into the conversation of a fast-growing customer group.

Address this customer group and offer them the possibility of free and direct charging of their e-bikes without the need for an extra charger. This way you will not only increase the number of your customers but also the time they spend in your shop, because cyclists will stay longer in your shop to recharge the batteries of their bikes a bit longer. This leads to spontaneous purchases.

Improved image: A large proportion of pedelec riders are characterised by great purchasing power and a pronounced interest in sustainability, organic and sporting goods as well as regional products.

Make your shop the starting point and a fixed part of the shopping routine of this customer group and turn spontaneous shoppers who have become aware of you through the LiON Box into regular customers.

Show that active environmental and climate protection is close to your heart and communicate in your advertising that your contribution goes beyond the product range and products with organic labels.

LiON Box

Variants & accessories



21216E12 LiON Box Max

GTIN 4260710950774

Splitter 1: Bosch/Rosenberger/Shimano

Splitter 2: Bosch/Shimano/Yamaha

21217E12 LiON Box Max

GTIN 4260710950781

Splitter 1: Bosch/Rosenberger/Shimano

Splitter 2: Bosch/Rosenberger/Yamaha

21218E12 LiON Box Max

GTIN 4260710950798

Splitter 1: Bosch/Shimano/Shimano

Splitter 2: Bosch/Rosenberger/Yamaha

Rosenberger-Plug for

BMZ, Brose und Specialized



21401E12 LiON Dock

GTIN 4260710950668

Stainless steel stand system for installing the freely selectable LiON Box. Installation of the LiON Box on the LiON Dock is included in the price.



21501E12 LiON Stand

GTIN 4260710950651

Stainless steel stand system for installing the freely selectable LiON Box. Installation of the LiON Box on the LiON Dock is included in the price.



21601E12 LiON Buegel

GTIN 4260710950644

Stainless steel stand system for parking / locking bicycles



LiON Splitter for replacement on the LiON Box

21306E12 **Bosch, Shimano, Rosenberger**

(Rosenberger for **BMZ, Brose, Specialized**)

GTIN 4260710950736

21307E12 **Bosch, Shimano, Yamaha**

GTIN 4260710950743

21308E12 **Bosch, Yamaha, Rosenberger**

(Rosenberger for **BMZ, Brose, Specialized**)