



E-bike charging and maintenance station h987_02

Station for charging and maintenance of bikes and scooters. With 2 interlocked Schuko sockets, 2 USB ports and 24 tools.
Dimensions: W 400 x D 300 x H 1550 mm.

The **H987_02 station** is a **multifunctional station for charging and maintaining e-bikes and electric scooters**, specifically designed for urban furniture and for public and private contexts such as parking lots, bike stations, universities, bike hotels, campsites, accommodation facilities, residential areas, and companies attentive to sustainable mobility.

Charging is easily activated by pressing a **button**, offering immediate and intuitive use. Access to the **maintenance compartment** also occurs by pressing a specific button, ensuring practicality and speed in technical interventions.

Thanks to its compact but robust structure, made of **painted galvanized iron** with **RAL 9003 powder coating**, it is **resistant to atmospheric agents** and vandalism attempts, with IP55 protection against dust and water splashes, and IK08 mechanical resistance.

The station allows for the simultaneous charging of multiple devices thanks to **4 charging points: 2 interlocked 16A Schuko sockets, 2 always-active 1.5A USB ports**, with the possibility of **integrating up to 4 optional plugins** for direct connections to the vehicle, making the system compatible even with proprietary connectors. Everything is managed with **button activation**, simple and effective even for non-expert users.

Operation takes place in **Mode 1**, in compliance with **CEI EN 61851-1 regulations**, but with an **interlocked Schuko system** that recalls Mode 3 protections, making it usable in **private or controlled access environments**, such as company garages, protected areas, and residential bike parking.

One of the main advantages of the H987_02 is its **integrated maintenance compartment**, accessible via button, which contains **24 professional tools** locked and anti-removal for independent vehicle maintenance. The tools include screwdrivers of various sizes, Torx and hex multitools, wrenches, pliers, a pump, and tire levers. Furthermore, the presence of **two metal supports** allows the bike or scooter to be locked in a stable position, both during charging and during repair interventions.

Finally, from the perspective of **electrical safety**, the station is equipped with RESTART RD residual current protection with 2 poles, 25 A type A I_{dn}=0.03 A, 230 V, with 3 modules compliant with the EN 50022 standard. Operation is signaled via LED.

Invest in the mobility of the future. Purchase the **H987_02 station** and offer your users a complete charging and maintenance service for electric bikes and scooters. Contact us for customized solutions or bulk supplies.

Technical features:

- **Dimensions:** W 400 x D 300 x H 1550 mm
- **Charging operation:** via push-button activation
- **Maintenance compartment access:** via push-button activation
- **Weight:** 85 kg

- **Structure:** Painted galvanized iron
- **Finish:** RAL 9003 powder coating
- **Electrical protection:** IP55 (internal components)
- **Mechanical resistance:** IK08
- **Operating temperature:** -20°C / +80°C (up to +60°C with optional plugins)
- **Supported relative humidity:** from 5% to 95%
- **Nominal voltage:** 230 V single-phase
- **Max power per socket:** 1 kW
- **Maximum output current:** 6 A
- **Integrated protection system:** RESTART RD - 2 POLES - COUPLED WITH PURE IDP DIFFERENTIAL - 25 A TYPE A I_{dn}=0.03 A 230 V - 3 MODULES EN 50022
- **Connectors:** 2 x 16 A Schuko sockets with interlock, 2 x 1.5 A USB ports, up to 4 optional plugins
- **Operation indication:** via LED
- **Activation mode:** Button for charging and for tool compartment access
- **Reference standards:** CEI EN 61851-1, EN 50022
- **Tools present in the repair compartment:** Small Phillips screwdriver, medium Phillips screwdriver, small flat-head screwdriver, medium flat-head screwdriver, Torx multitool (8 pieces), hex multitool (7 pieces), adjustable wrench, pliers, tire levers (2 pieces) and pump

Optional:

- **Compressor:** gun with pressure gauge to check inflation pressure and adapters for valves of various sizes
- **Compressor dimensions:** W 31.4 x D 20.1 x H 34.7 cm
- **Weight:** 5 kg
- **Pressure:** 8 bar
- **Power:** 1.1 kW
- **Sound pressure level:** 800 grams

User benefits:

- **Simultaneous charging:** of multiple light electric devices.
- **Access:** to 24 tools for autonomous maintenance interventions.
- **Structure:** robust and resistant to external agents.
- **Easy:** to use thanks to the button system.
- **Safety:** guaranteed with interlocked Schuko sockets and residual current protection.

FAQ:

- 1. Is the station suitable for use in public environments?**
No, Mode 1 charging is compliant only for private or controlled access environments, such as company parking lots, garages or residential bike stations.
- 2. Can I use the station to charge any type of e-bike or scooter?**
Yes, the Schuko and USB sockets are compatible with most light electric vehicles. For vehicles with proprietary connections, optional plugins can be added.
- 3. How many tools are in the compartment?**
The station is equipped with 24 tools present in the repair compartment.
- 4. Is the station equipped with supports?**
The station is equipped with 2 supports, usable by the saddle for the bike or by the handlebar for the scooter, and an anti-theft lock for the stand during charging.
- 5. What is the electrical protection system?**
A RESTART RD 25A type A residual current device is integrated with overcurrent and leakage protection, compliant with CEI EN 61851-1 and EN 50022 standards.

Mini buying guide:

If you are looking for a station for charging and maintaining e-bikes and electric scooters, carefully evaluate the **intended use (public or private)** and the **number of available sockets**.

The **construction features** are fundamental: ensure that the structure is resistant and suitable for outdoor use, with IP and IK protections.

Check that it complies with **CEI standards for electrical safety** and is equipped with a **residual current protection system**.

Finally, consider the added value of **integrated maintenance**: a station like the H987_02 allows you to offer not only energy but also technical support to users, without specialized personnel.

Electric bike charging station, scooter maintenance station, urban e-bike charging station, station with integrated maintenance tools, safe e-bike charging for residential buildings, private charging station for companies

**Image purely indicative.*

**Upon request for a quote, customization with a logo is possible.*

INFORMATION