



Charging and maintenance station for bikes h987_01

Bike/scooter charging and maintenance station with 2 interlocked Schuko sockets, 2 USB ports and 24 tools. Dimensions: W 400 x D 300 x H 1550 mm.

The **h987_01 bike charging and maintenance station** is a compact, robust, and multi-functional solution designed to offer a complete **charging and maintenance** service for **e-bikes and electric scooters**. It is particularly suitable for public and high-traffic contexts, such as **cycle paths, intermodal parking lots, urban areas, university campuses, or sports facilities**.

The station is **remotely managed**, meaning that the activation of charging and the opening of the maintenance compartment occurs via a **management system**. It is, therefore, necessary to have a **SIM card**. The customer can provide their own SIM card, which will then be connected to the management system, or, alternatively, can request a SIM card, subject to a quotation, during the purchase of the station. The purchase of the SIM card will involve the **payment of a monthly fee and connection to the management software**.

The core of the station consists of **four charging points: two 16A Schuko sockets with safety interlock and two always-active USB ports**, which allow devices to be charged conveniently and safely.

A distinctive element of this model is the presence of **two adjustable supports** that can be used as a support for the **bicycle saddle** or for the **scooter handlebar**, facilitating both charging and **maintenance** operations. Precisely for this latter function, the station is equipped with a **repair compartment with 24 tools**, selected to cover the most common needs: **screwdrivers, multitool, wrench, pliers, tire levers** and even a **pump**.

The structure is made of **powder-coated galvanized iron RAL 9003**, resistant to **atmospheric agents, dust, and impacts**, with an **IP55 protection degree** for the electrical components. The station operates with a **SIM card (not included)**, necessary for the activation of digital services.

The charging mode complies with the **IEC EN 61851-1 standard**, operating in **Mode 3**. Specifically, Mode 3 charging involves the direct connection of the electric vehicle to the AC supply network, using dedicated supply equipment. As required by Italian legislation for charging systems in areas open to the public. In this way, **maximum safety and compliance with current rules** for electric mobility are guaranteed.

Choose the **H987_01 station** to enhance the service offering in your public spaces and promote more sustainable mobility. Contact us now for a personalized quote or to learn about all available configurations.

Technical features:

- **Dimensions:** W 400 x D 300 x H 1550 mm

- **Operation:** via SIM (SIM not included in the supply) and management system. The customer can provide their own SIM card, which will then be connected to the management system, or, alternatively, can request a SIM, subject to a quotation, during the purchase of the station. The purchase of the SIM will involve the payment of a monthly fee and connection to the management software
- **Weight:** 85 Kg
- **Electrical parts protection:** IP55
- **External impact protection:** IK08
- **Electronics operating temperature:** from -20°C to +80°C (with optional plugins from -20°C to +60°C)
- **Relative humidity:** from 5% to 95%
- **Body:** Painted galvanized iron
- **Finish:** RAL 9003 powder coating
- **Integrated protections:** RESTART RD - 4 poles, IDP 25 A type A pure residual current circuit breaker I_{dn}=0.03 A 230 V and 3 EN 50022 modules
- **Operating status:** Indication via RGB LED
- **Low voltage:** 12 Volt and 5 Volt power supply
- **Connection:** GPRS / GSM / WIFI / ETHERNET (optional), BLUETOOTH (optional) and LoRa (optional)
- **Data Bus:** RS232
- **Protocol:** From OCPP 1.6 JSON to OCPP 2.0.1
- **Output specifications:** 2x Schuko sockets with 16A interlock, 2x 1.5A USB sockets and up to 4 optional plugins for e-bike charging
- **Max output power:** 1 kW per socket
- **Nominal voltage:** 230 V single-phase / 400 V three-phase
- **Max charging current per socket:** 6A
- **Connector type:** Schuko socket with interlock, universal USB socket and optional plugins
- **Payment system access:** Smartphone, RFID and NFC system
- **Authentication:** Smartphone, RFID and NFC system

Options:

- **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:

- **Charging:** safe and certified for bikes, e-bikes and scooters.
- **Structure:** robust and resistant for continuous public use.
- **Compartment:** complete tool set for vehicle maintenance.
- **Universal supports:** for secure vehicle locking.
- **Ideal:** for public bodies, parking lots, cycle paths and intermodal stations.

FAQ:

- 1. How many vehicles can I charge simultaneously?**
Up to 4 devices can be charged: 2 via Schuko sockets and 2 via USB ports.
- 2. Is a SIM card needed to make it work?**
Yes, the system is designed to work with a SIM card (not included) which can be purchased upon request.
- 3. Are the tools fixed?**
Yes, all 24 tools are integrated into the repair compartment and secured for safe use.
- 4. Can it also be used outdoors?**
Yes, it is resistant to rain, dust, and temperature changes, thanks to the IP55 and IK08 protection degrees.
- 5. What type of sockets does it support?**
Interlocked Schuko sockets and always-active USB ports.

Mini buying guide:

When choosing a multi-function station for soft mobility, it is essential to evaluate: the **quantity and type of sockets**, the **electrical safety** (regulatory compliance), the **resistance of materials to the outdoors** and the presence of **accessory services**, such as integrated tools and maintenance supports.

The H987_01 model fully meets these requirements, combining **advanced electrical functions, mechanical resistance, and on-site assistance**. It is the perfect choice for Municipalities, entities, companies, and private individuals who wish to promote **sustainable mobility**.

Bike and scooter charging station, e-bike maintenance station, bike station with tools, Mode 3 charging standard IEC EN 61851,

public electric bike charging station, multi-function bike scooter station.

**Images are purely indicative.*

**To operate the station it is NECESSARY to have a SIM card (not included in the supply and available upon quotation).*

**The customer can choose whether to independently obtain a SIM card, which will then be connected to the management system (subject to quotation and with payment of a monthly fee), or request the SIM subject to quotation, directly during the purchase phase of the station. In both cases, the activation of the SIM and the connection to the management software involve the payment of a monthly fee, defined upon quotation.*

**Upon quotation, it is possible to request customization with a logo.*

INFORMATION