Namiti S.r.l. - P. Iva 06162571217 - N. Rea: 799272
Sede leg.: Via Cortile, 16 - 80069 Vico Equense (NA)
Sede Op.: Corso Italia, 192 - 80063 Piano di Sorrento (NA)
Email: vendite@holity.com / Tel. 0818087452

E-bike charging stations h987_04

E-bike charging station consisting of a column and 3 modules. With 1x Schuko 16 A / 1x USB 1.5 A / up to 2x optional e-bike charging plugins per single module. Total power supply: 4 KW three-phase. Total dimensions: L 2200 x D 300 x H 1550 mm.

The **H987_04 charging station** is an integrated system for the **charging and maintenance of electric bicycles and scooters** , designed for installations in urban contexts, corporate environments, and all spaces open to third-party users, such as public car parks, bike hotels, rest areas, or university campuses.

The column is **remotely managed**, meaning that charging activation and the opening of the maintenance compartment occur via a **management system**. Therefore, it is necessary to have a **SIM card**. The customer can provide the SIM independently, which will then be connected to the management system, or alternatively, can request the SIM, upon quotation, during the purchase phase of the column. The purchase of the SIM will involve the **payment of a monthly fee** and the **connection to the management system**.

The structure consists of **one main column** and **3 integrated modules managed by the column**, anchored to it, which expand its functionality and charging points. Individual additional modules offer **2 sockets (1 Schuko + 1 USB each)** with the possibility of **adding up to 2 optional plugins**, as well as an **internal 27-liter compartment** to store chargers, personal items, or tools, **protected from atmospheric agents**. The compartment opens via electronic command directly from the column, ensuring safety and practicality.

The central column is equipped with **4 active charging points** (2 interlocked Schuko sockets + 2 1.5A USB sockets) and a **professional tool compartment** with **24 tools** integrated for small repairs, such as screwdrivers, multitools, pliers, and a pump. The two **lateral supports** allow the bike or scooter to be supported both for anti-theft parking during charging and for quick and safe maintenance interventions.

The entire system operates in **Mode 3**, in compliance with the **CEI EN 61851-1 standard**, as required for installations in environments open to the public. Specifically, Mode 3 charging involves the direct connection of the electric vehicle to the AC power grid, using dedicated power supply equipment. This guarantees **maximum safety and compatibility with legal requirements for AC power supply** through devices dedicated to electric vehicle charging.

The **connection and activation system** of the column take place via **SIM (not included)**, to be purchased separately, and can be managed remotely via **smartphone or RFID**. The system supports **OCPP 1.6 and 2.0.1** protocols, making it compatible with most charging management platforms.

Choose the **H987_04 station** for a complete, safe, and regulation-ready infrastructure. Ideal for public and private areas that want to encourage sustainable mobility. Contact us for a personalized quote or for the purchase of the compatible SIM.

Technical features:

- **Total dimensions:** L 2200 x D 300 x H 1550 mm
- **Composition**: 1 column and 3 modules
- **Operation**: via SIM (SIM not included in the supply) and management system. The customer can provide the SIM independently, which will then be connected to the management system, or alternatively, can request the SIM, upon quotation, during the purchase phase of the column. The purchase of the SIM will involve the payment of a monthly fee and the connection to the management system
- **Total power supply:** 4 KW three-phase

- **Column dimensions:** 400 x 300 x 1550 mm
- **Column weight:** 85 Kg
- **Electrical parts protection:** IP55
- **Mechanical resistance:** IK08
- **Operating temperature:** from -20°C to +80°C (with optional plugins from -20°C to +60°C)
- **Operating relative humidity:** 5% - 95%
- **Body:** Painted galvanized iron
- **Finish:** RAL 9003 powder coating
- **Integrated protection:** RESTART RD 4-pole, 25 A Type A pure residual current circuit breaker, Idn = 0.03 A, compliant with EN 50022
- **Operating indication:** RGB LED
- **Auxiliary power supply:** 12V and 5V
- **Nominal voltage:** 230 V single-phase / 400 V three-phase
- **Max current per socket:** 6 A
- **Max output power:** 1 kW per socket
- **Connection:** GPRS / GSM / WIFI / ETHERNET (optional) / BLUETOOTH (optional) / LORA (optional)
- **Data Bus:** RS232
- **Protocol:** OCPP 1.6 JSON, OCPP 2.0.1
- **Payment system:** Smartphone, RFID system, NFC
- **Authentication:** Smartphone, RFID, NFC
- **Connector type:** Schuko socket with interlock, universal USB, optional plugins
- **Single module dimensions:** 600 x 300 x 315 mm
- **Single module storage compartment dimensions**: 590 x 145 x 315 mm
- **Module weight:** 40 Kg
- **Electrical parts protection:** IP55 components
- **Electronic 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:** 6A circuit breaker
- **Connector type:** 1x Schuko 16 A, 1x USB 1.5 A, up to 2x optional e-bike charging plugins
- **Max output power:** 1 KW per socket
- **Nominal voltage:** 230 V
- **Max charging current per socket:** 6A
- **Payment system:** Smartphone, RFID system
- **Authentication:** Smartphone, RFID system
- **Operating status:** Indication via RGB Led
- **Connection:** Via Zeus One
- **Data Bus:** RS232
- **Communication protocol:** From OCPP 1.6 JSON to OCPP 2.0.1

Optionals:

- **Compressor:** gun with pressure gauge to check inflation pressure and adapters for valves of various sizes
- **Compressor dimensions**: L 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:

- **Possibility:** to recharge with 3 modules.
- **Single module access**: secure 27-liter storage compartments for items and chargers.
- **System:** anti-theft for parking and safety during charging.
- **Access:** to tools for quick and autonomous maintenance.
- **Compatible:** with remote management systems and control via app.

FAQ:

1. **Is the column suitable for open public environments?**
   Yes, it complies with the CEI EN 61851-1 Standard with Mode 3 charging, mandatory for environments open to third parties.
2. **What is the capacity of a single module compartment?**
   Each individual compartment of the three modules has a capacity of 27 liters.
3. **Is a connection required for operation?**
   Yes, the column works exclusively via SIM card (not included), which can be purchased on request.
4. **How is the module storage compartment accessed?**
   The 27-liter compartment is opened via electronic command from the column, only for authenticated users.
5. **Can I integrate plugins for other connectors?**
   Yes, it is possible to add up to 4 customized plugins on the column and 2 for each module.

Mini guide to purchase:
When choosing a station for charging electric bicycles or scooters, it is essential to evaluate **the number of available sockets**, **regulatory compliance** and **electrical safety**.

In public settings or those open to third parties, it is mandatory for charging to take place in **Mode 3**, as provided by CEI EN 61851-1.

The presence of **integrable modules** with closed compartments increases the value of the service, also allowing for the safe storage of personal items or chargers.

Consider the possibility of **remote management via OCPP and RFID systems**, ideal for smart installations and digital payment.

Public electric bike charging station, *Mode 3 e-bike charging column*, *bike charging module with storage compartment*, *column for urban electric mobility*, *station with Schuko and USB socket for e-bikes.*

**Image for illustrative purposes only.*

**For the operation of the column, it is NECESSARY to have a SIM (not included in the supply and available for purchase upon quotation).*

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

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

INFORMATION

- **Number of Sockets/Chargers** 3
- **Length in millimetres** 2200.000000
- **Height in millimetres** 1550.000000
- **Operation** With App
- **Depth in millimetres** 300.000000
- **Strengths** Con attrezzi di manutenzione, Con kit gonfiaggio

E-bike charging stations h987_04

Operation: With App
Number of Sockets/Chargers: 3