

Hager XEV103

Hager WITTY Electric Vehicle Charging Station (Model XEV103) User Manual

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Hager WITTY electric vehicle charging station.

1. INTRODUCTION

1.1. Overview

The Hager WITTY charging station is designed for charging electric vehicles in accordance with Mode 3 (IEC 61851-1) and Mode 2 standards. It supports both Type 3 and standard socket connections, offering flexible charging solutions for various electric vehicles. This device operates on a 3-phase + Neutral, 32A electrical supply, delivering power from 4 kW to 22 kW.

1.2. Safety Instructions

- Installation must be performed by a qualified electrician in accordance with local and national electrical codes.
- Do not attempt to open or repair the charging station yourself. Contact qualified service personnel.
- Ensure the charging station is properly grounded.
- Do not use the charging station if it is damaged or shows signs of malfunction.
- Keep children and unauthorized persons away from the charging station during operation.
- Avoid exposing the charging station to extreme temperatures, direct sunlight for prolonged periods, or corrosive substances.

2. PRODUCT DESCRIPTION

2.1. Features

- Compatible with Mode 3 (Type 3) and Mode 2 charging.
- Free access operation.

- Power output: 4 kW to 22 kW.
- Input: 3-phase + Neutral, 32A.
- Integrated status indicator light.

2.2. Components

The Hager WITTY charging station typically includes:

- Charging station unit
- Mounting hardware (screws, anchors)
- User manual (this document)



Figure 1: Front view of the Hager WITTY charging station with a green operational light, mounted on a textured wall.



Figure 2: Side view of the Hager WITTY charging station, illustrating the cable connection point and the unit's profile.



Figure 3: Detailed front view of the Hager WITTY charging station, emphasizing the integrated green status light.

3. SETUP

3.1. Installation Location

Choose a suitable location that is protected from direct impact, excessive moisture, and extreme temperatures. Ensure adequate ventilation and accessibility for maintenance.

3.2. Mounting

1. Mark the drilling points on the wall using the provided template (if applicable) or by measuring the mounting holes on the unit.
2. Drill holes and insert appropriate wall anchors.
3. Secure the charging station to the wall using the provided screws.

3.3. Electrical Connection

WARNING: Electrical installation must be performed by a qualified electrician.

1. Ensure the main power supply is disconnected before beginning any electrical work.
2. Connect the 3-phase + Neutral (3Ph+N) 32A power supply to the designated terminals inside the charging station.
3. Ensure proper grounding is established.
4. Verify all connections are secure and correctly wired according to the wiring diagram provided with the unit (refer to the separate installation guide for detailed diagrams).
5. Close the charging station cover securely.

4. OPERATING

4.1. Starting a Charge

1. Ensure the charging station is powered on and the status indicator light is green (ready).
2. Connect the charging cable to your electric vehicle's charging port.
3. Connect the other end of the charging cable to the charging station's outlet (Type 3 or Mode 2 socket).
4. The charging station will automatically initiate the charging process. The status indicator light may change to blue or flashing green, depending on the charging status.

4.2. Stopping a Charge

1. Disconnect the charging cable from your electric vehicle first.
2. Disconnect the charging cable from the charging station.
3. The charging station will return to a ready state (green indicator light).

4.3. Status Indicators

- **Green Light:** Ready for charging.
- **Blue Light (or flashing green):** Charging in progress.
- **Red Light (or flashing red):** Error or fault detected. Refer to the Troubleshooting section.
- **No Light:** Power off or system fault.

5. MAINTENANCE

5.1. Cleaning

Clean the exterior of the charging station with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals. Ensure the unit is powered off before cleaning.

5.2. Inspection

Periodically inspect the charging station for any signs of damage, wear, or loose connections. Check the charging cable for fraying or damage. If any damage is found, discontinue use and contact a qualified technician.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/No light	Power supply disconnected; Circuit breaker tripped.	Check power supply; Reset circuit breaker. If problem persists, contact a qualified electrician.
Red indicator light	Internal fault; Overcurrent; Ground fault.	Disconnect and reconnect the vehicle. If the error persists, power cycle the unit. If still red, contact service.
Charging not starting	Cable not properly connected; Vehicle not ready to charge; Charging station fault.	Ensure cable is securely connected to both vehicle and station. Check vehicle's charging status. Power cycle the charging station.

7. SPECIFICATIONS

Feature	Detail
Model	XEV103
Charging Mode	Mode 3 (IEC 61851-1), Mode 2
Connector Type	Type 3 / Standard Socket
Input Voltage	3-phase + Neutral
Max Current	32A
Power Output	4 kW to 22 kW
Access	Free Access

Feature	Detail
ASIN	B00CSJUVKA

8. WARRANTY AND SUPPORT

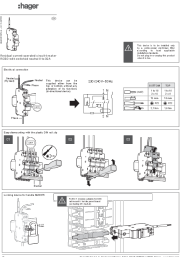
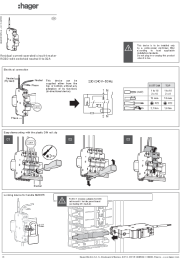
For warranty information and technical support, please refer to the official Hager website or contact your local Hager distributor. Keep your purchase receipt for warranty claims.

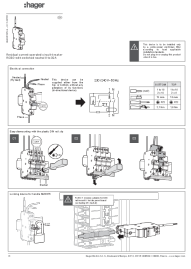
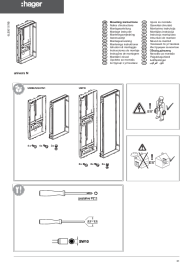
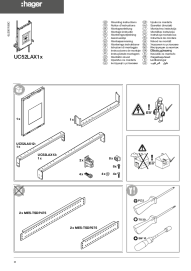
Spare parts availability: Information not available.

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Manual Version: 1.0

Related Documents - XEV103

	Hager RCBO Installation and Guidance Manual Comprehensive guide for installing and using Hager Residual Current Operated Circuit-Breakers (RCBOs), including electrical connections, mounting, testing, and specific guidance for EVCS applications.
	Hager ADC932R RCBO: Installation and Usage Guide This guide provides essential information for installing and using the Hager ADC932R Residual Current Operated Circuit-Breaker (RCBO) with switched neutral. It covers electrical connection, mounting, testing, and specific application guidance, including EV charger installations.

	Hager Krachtgroep 3-polig+nul 32A B-kar (MBN632E) - Technische Specificaties Gedetailleerde specificaties en productomschrijving van de Hager MBN632E krachtgroep 3-polig+nul 32A B-kar, een 4-polige installatieautomaat voor 3-fase toepassingen met een afschakelvermogen van 6 kA.
	Hager RCBO Residual Current Circuit Breaker with Switched Neutral (6-32A) - Installation and Operation Guide This document provides installation and operational guidance for the Hager Residual Current Operated Circuit-Breaker (RCBO) with switched neutral, covering models from 6 to 32 Amperes. It details electrical connections, mounting, testing, and specific application notes for EVCS.
	Hager univers N Mounting Instructions for U96N/UG31N1 and U97N Detailed installation guide for Hager's univers N electrical enclosure system, covering models U96N/UG31N1 and U97N. Provides step-by-step instructions, required tools, torque specifications, and safety warnings for proper mounting and assembly.
	Hager UC52LAX1x Mounting Instructions for Electrical Enclosures Detailed mounting instructions and guide for the Hager UC52LAX1x series, including UC52LAX12 and UC52LAX13, for installing electrical components in enclosures.

Fogli prodotto

REV103






EV stazione di ricarica Witty Premium 1x22kW 3P M3T2S M2TE IP54

Proprietà tecniche

Design

Numero di connessioni

1

Modalità di ricarica

Modalità a porta

Principali caratteristiche elettriche

Tensione nominale

230/400V

Frequenza nominale

50/60

Corrente nominale

32,5

Potenza

Potenza di allacciamento

22,0kW

Potenza di erogazione per l'auto

22,0kW

Dimensioni e abilitazioni

Numero di fasi per l'installazione

3 fasi

Materiali

Cassa

grigio antracite

Colori cassa

grigio antracite / grigio chiaro

Materiali

plastica

Dimensioni

Profondità del prodotto (montato)

221mm

Altezza del prodotto (montato)

400mm

Profondità

400mm

Altezza (senza cavi)

400mm

Indicazioni generali

Tipi di connettore

CC

Tipi di connettore

CC

Numero di porte (uscita)

1

Nome, Designazione

Nome

Stazione di ricarica Witty Premium

Designazione

completiva

Accessori

Cavo di collegamento al veicolo

EV14

Accessori aggiuntivi

EV15

Descrizione tecnica del prodotto

Descr ptif technique - solution de charge Witty Premium



Solution de charge pour v hicules  lectriques et hybrides dans les locaux d'habitation ou professionnels



Utilisation

Garage,  b tiss couverts ou place

ext rieure,  b tiss sans parking couvert, dans les b timents collectifs d'habitation ou dans les b timents   usage des bureaux, par exemple.

Location

Stations de charge

Type de charge

Accueil - de 0   22kW

Mode de charge

CC

Armoire   la charge

Unit 

Type de borne

CC - 22kW

Certification

CE-EMC

Mod le

REV103

Caract ristiques techniques

Tension et courant nominaux

230/400 V AC - 32,5 A

Conformit 

CE

Puissance de charge

de 0kW   22kW (type 2S) ou de 0kW (type E), selon le r gime de r gulation

Mode de charge

CC - 22kW

Protection  lectrique

Non  quip  - Protection  lectrique  quip e - selon le r gime de r gulation

Conformit 

CE-EMC

Temps de charge

de 0   22kW (type 2S) ou de 0   22kW (type E), selon le r gime de r gulation

Armoire   la charge

Unit 

Type de borne

CC - 22kW

Certification

CE-EMC

Trifase

Le soluzioni di ricarica trifase di Hager si articolano su due linee di prodotto

Gamma Witty Premium

Le stazioni di ricarica Witty Premium consentono di caricare in sicurezza tutti i veicoli elettrici o ibridi in Mode 3 fino a 22 kW. I modelli sono dotati di una Witty Prise per la ricarica.

Il sistema di ricarica Witty Premium   lo stato operativo del veicolo di ricarica   molto intuitivo. La presenza pratica del pulsante di arresto   collocato sopra il pannello sensibile al tocco, consentendo al conducente di arrestare la carica o di passare alla ricarica in Mode 3.

Il sistema di ricarica Witty Premium   lo stato operativo del veicolo di ricarica   molto intuitivo. La presenza pratica del pulsante di arresto   collocato sopra il pannello sensibile al tocco, consentendo al conducente di arrestare la carica o di passare alla ricarica in Mode 3.

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Scheda tecnica di prodotto XEV103 Stazioni Witty premium Catalogo online Hager Tecnica catalogo hager bocchiotti it files 0 1492996 1 |||

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lang:fr score:23 filesize: 187.34 K page_count: 1 document date: 2017-10-20

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XEV5400 Stazioni Witty Start Catalogo online Hager Capitoli catalogo automatico Benvenuto in Bocchiotti Chapter 1971646 hager bocchiotti it files 0 1449997 1 |||

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lang:it score:19 filesize: 1.39 M page_count: 6 document date: 2022-05-30

Electrical vehicles charging stations

The development of charging infrastructure for electric vehicles: a market with potential for the electrical industry.

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Soluzione per la ricarica di veicoli elettrici

Scegli la strada
delle nuove
energie



:hager @ bocchiotti

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Scarica la brochure Brochure e depliant Hager Bocchiotti witty ricarica veicoli elettrici 2021 hager bocchiotti it media files brochures |||

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Recommandations pour rdaction de CCTP Prises et bornes de recharge de vhicules lectriques pour btime ... u choc IK Plage de temprature de fonctnt Poids Dimensions Normes - Certifications Autres Rfrence : **XEV103** 400 V AC - 32A 3 Ph N 22kW 1h de charge effective ou 2,6kW 16h de charge effective , int...

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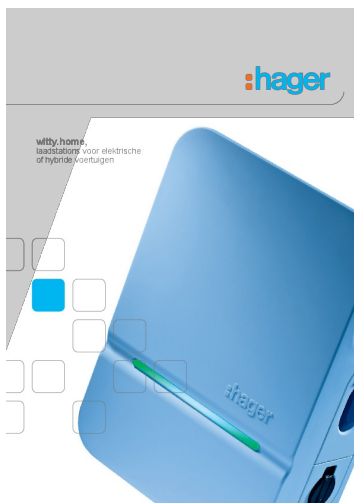


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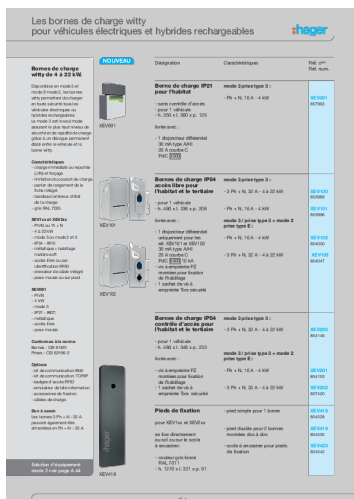
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