

Testing.
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comemso

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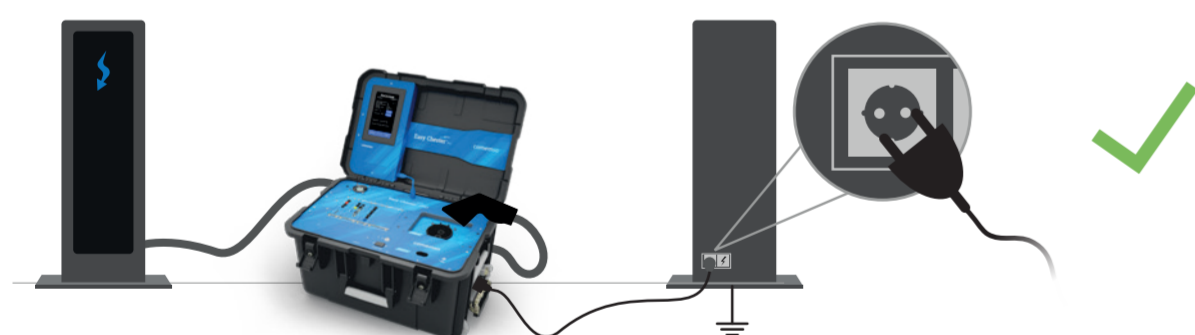


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Easy Chester

Quickstart Guide
for Basic, Extended und Pro
Gen.2

Easy Chester | Important Preparation



Disclaimer

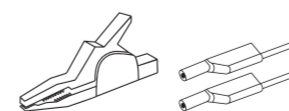
The Easy Chester® from comemso electronics GmbH, Germany (hereinafter referred to as the "product") may only be used for the purpose expressly described in the instructions for use. The area of application, in particular the scope of application of the specification, must not be exceeded under any circumstances. Any manipulation, negligence, intentional misuse, or abuse of the product will result in immediate loss of warranty. Furthermore, the warranty shall expire if the user opens the product at any time without the prior written consent of comemso electronics GmbH. Furthermore, in all of the above cases, any liability on the part of comemso electronics GmbH and claims for damages are excluded, regardless of the legal basis, unless mandatory statutory provisions dictate otherwise. By purchasing and, in particular, using the product, the user irrevocably and tacitly accepts this disclaimer.



Read all safety instructions, warnings, informations and specifications in the Easy Chester® user manual. Failure to follow these safety instructions may result in electric shock, fire and/or serious injury.

WARNING

Potential electrical shock if device is not grounded separately when using the inverter. Ground the device eg. with a banana cable at the EVSE.



Get



More Test Duration.

More load. More meaningful results.

Upgrade your Easy Chester Pro Gen.2 with the Long Duration Unit and/or the 30 kW DC Load – for in-depth performance tests under real conditions. Simulate longer charging processes with increased load and gain valuable insights into the thermal durability, backend communication and electrical performance of your charging station.

Simulate charging behavior under real conditions

With 1.8 kW continuous load (up to 60 minutes) or up to 30 kW DC Load. Gain deep insights into the behavior of your charging station.

Ideal for testing backend communication, PE heating or load distribution
Indispensable for developers, series approval, or service operations under demanding conditions.

Full compatibility with Easy Chester Gen.2

The extensions can be seamlessly integrated into the Easy Chester Pro Gen. 2.



Testing institutes trust comemso products





**Important notice -
Please read carefully and pay attention!**

The components installed in this unit have been individually configured for you. All modules are optimally configured with each other and should only be used in this device. Thanks to the modularity, we can offer you a better service for repairs or upgrades. However, it is important that you do not make any changes or adjustments to the hardware yourself without our support. This way you can continue to enjoy its full performance. Please be aware that improper use will result in the device being deactivated.

If you have any questions, please do not hesitate to contact us: support@comemso.de

Support

+49 711 / 982 98 -450
support@comemso.com

Measurement taps for AC testing
Measurement taps for DC testing

Power

USB - Port

SD-Card-Slot

Touchscreen



Easy Chester® | First Steps

1 Choose language

Use the integrated touchscreen to select the desired language.



2 Choose connection

Slide the cover toward your desired charging standard – only with Easy Chester® with multiple charging standards.

3 Plug in charging connector

Plug the charging connector into the inlet. Make sure that the inlet lock is unlocked.

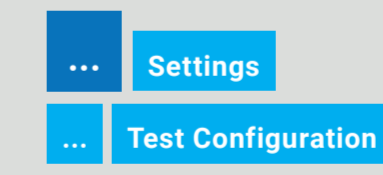
4 Choose fault simulation

Before the function test, you have the option of selecting various fault simulations on the touch display, e.g. insulation and communication tests via the "Fault sim." button. The function test is performed by pressing the "Start" button.



5 Test configuration

Easy Chester® supports the charging protocols (Standards) DIN 70121 and ISO 15118 (EIM). Depending on which charging protocols are supported by the charging station, the following settings should be specified in the standard priorities. The recommended mode is: "ISO first, DIN second." Below are the settings for using AC PLC. For AC with ISO 15118 (high-level communication), AC PLC may need to be set to „On“ before the test.



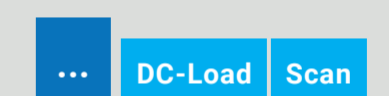
6 Set charging time

The charging time can be changed via the menu to a maximum of 90 seconds DC charging. With the additionally available LDU-Long Duration Unit, the charging time can be extended to 60 minutes. To do this, the LDU must be connected to the Easy Chester® via the designated connection.



7 Connect optional load

A special DC load (30/60 kW) from comemso can be connected via the side connection. The device switches off automatically if the protective cap is removed. After connecting, select the "DC-Load" menu on the touch display under "...!" – Only possible with Easy Chester Pro –



8 Start simulation

Start the function test via the touch display by selecting "Start" and then "Continue." AC and DC are detected automatically. Due to different charging station manufacturers, the charging station may need to be started manually.



9 Export test report

All test results are automatically saved and can be exported via the USB port and the comemso comEasy software – do not plug in the USB cable until the "Welcome" start screen is displayed.



For information on ComISO and Bluetooth, please refer to the manual.