

**comemso**

**Easy Chester®**  
**DC Load**

Technical datasheet

# Easy Chester® DC Load

The Easy Chester DC Load is a powerful accessory for the Easy Chester Pro that provides a convenient solution for testing charging stations. With the ability to perform long duration tests without time limitations, the Easy Chester DC Load ensures that you can accurately assess the performance and stability of charging stations over extended periods of time. The DC Load is automatically recognized by the Easy Chester Pro and you can set the desired charging time via the touch-screen.

Thanks to the advanced charging technology and the built-in resistive load, the Easy Chester DC Load is the ideal accessory when it comes to testing the durability of charging stations under real conditions. With the help of the DC Load, you can easily ensure that your charging stations meet the required performance standards. Enjoy a seamless and reliable test experience.

Whether you want to test new installations or ensure the functionality of existing systems, the Easy Chester DC Load is a robust and easy-to-use solution for long-term testing.



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## Specifications

<b>Application</b>	For long duration tests (more than 60 minutes) in field. Extend the charging time via touchscreen on the Easy Chester.
<b>Charging capacity</b>	30kW DC-load for EV load simulation. Plug and Play compatible with Easy Chester Pro Gen.2 and EVCA (via HV-Sim connector).
<b>Charging time</b>	Continous operation for CCS / NACS
<b>Charging technology</b>	For 300 VDC, - max. 90 A
<b>Current sensor</b>	0 - 500 A
<b>Resolution</b>	6 A (software control function)
<b>Interface</b>	CAN interface for Easy Chester
<b>Connection cable</b>	SUB-D9 CAN cable
<b>AC supply</b>	85 - 245 V AC
<b>Power consumption</b>	Max. 90 W – inrush current might be higher
<b>Protection class</b>	IP 20
<b>Temperature range</b>	0 ... + 50 °C / 32 - 122 °F
<b>Humidity</b>	80 % non-condensing
<b>Safety Features</b>	Temperature monitoring and overheat function included
<b>Transportability</b>	Portable aluminium case with integrated air cooling
<b>Weight</b>	About 52 kg / 115 lbs
<b>Dimensions (WxHxD)</b>	Ca. 80 x 87 x 50 cm / 32 x 34 x 20 inch
<b>Further features</b>	Connection to Easy Chester Pro via connecting connector.

15  
years  
of excellence

**comemso**

Understanding and  
Visualizing  
Charging Processes

comemso has been developing analysis systems for the optimization of charging processes for 15 years. Today, we are more eager than ever to continue enriching the electromobility market with innovations in the future. In order to find the best possible solution, we always carry out our own tests in the field. The knowledge gained from these tests flows directly into the development of solutions and products.





“ comemso has set itself the goal of pushing the development of analysis and test systems in order to be able to offer always the optimum solution to its customers. ”

## **Variants**

118-3-001 –  
Easy Chester® DC Load

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