



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.



Specifications

Application	For long duration tests (more than 60 minutes) in field. Extend the charging time via touchscreen on the Easy Chester. 30kW DC-load for EV load simulation. Plug and Play compatible with Easy Chester Pro Gen.2 and EVCA (via HV-Sim connector).
Charging capacity	30 kW with one load or up to 60 kW with two loads in parallel 400 V technology (with ca. 330 V) adjustable in 2 kW steps until 30 kW; 800 V technology (with ca. 660 V) adjustable in 4,5 kW steps until 31,5 kW DC Load required
Charging time	Continuous operation for CCS / NACS
Charging technology	For 300 VDC, - max. 90 A
Current sensor	0 - 500 A
Resolution	6 A (software control function)
Interface	CAN interface for Easy Chester
Connection cable	SUB-D9 CAN cable
AC supply	85 - 245 V AC
Power consumption	Max. 90 W – inrush current might be higher
Protection class	IP 20
Temperature range	0 ... + 50 °C / 32 - 122 °F
Humidity	80 % non-condensing
Safety Features	Temperature monitoring and overheat function included
Transportability	Portable aluminium case with integrated air cooling
Weight	About 52 kg / 115 lbs
Dimensions (WxHxD)	Ca. 80 x 87 x 50 cm / 32 x 34 x 20 inch
Further features	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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