



MRS E-Mobility Products

2022



MCharger



No matter which electric car you prefer our MCharger wallbox provides an easy charging experience.

From simple installation process, user friendly interface, IP54 protection class, to several user access solutions and online control options. Choose the MCharger model that fits your needs, add our smartly designed accessories and enjoy the advantages of e-mobility to the fullest!

More than 20 years of expertise in smart electronics production has led MRS to designing its e-mobility solutions that are innovative, reliable and meet the needs of today's customers.



Highlights



Charging Power
up to 22 kW
One to three phase grid
connection up to 32 A



Easy Installation
Only few screws needed, electricity
cable input possible from three
different directions



Color Display
Shows charging status, time,
charging power, consumption and
notifications



IP54 Protection
Protected from dust ingress and
water spray



Protected Power Supply
Robust power pack with internal
protection and filter device



Certified
CE, RoHS, WEEE, IEC



Easy Installation



MCharger Connected

A smart charger with user authentication, RFID and load balancing if several chargers are connected in one line. Also allows to adapt the power to the electrical grid conditions. These models are up to 22 kW with Type 2 socket or 5 meters long cable and Type 2 plug. The owner can adjust max charging power in a web application if needed.

MCharger Connected provides user management with up to 128 user accounts with 2 RFID cards per user. You can see each user's charging patterns and get full overview of the charging history and export it as a PDF file.

Highlights



RFID authentication



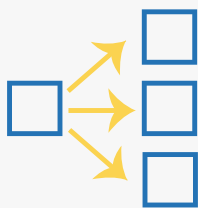
User management with charging history



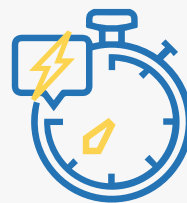
WiFi, LAN and Bluetooth connection



Web application



Load balancing incl. prioritization



Static and dynamic power limitation (charging schedule)



Connected S 22 kW

Type 2 socket
Part no.: 1.801.111

Connected C 22 kW

Type 2 charging cable 5m
Part no.: 1.801.101

MCharger Overview

	Charging Power	Connection Type	Web Platform	User Authentication	Connectivity
Easy S 11 kW Part no.: 1.801.010	11 kW	Socket	-	-	-
Easy C 11 kW Part no.: 1.801.000	11 kW	5 m cable	-	-	-
Easy S 22 kW Part no.: 1.801.011	22 kW	Socket	-	-	-
Easy C 22 kW Part no.: 1.801.001	22 kW	5 m cable	-	-	-
Connected S 22 kW Part no.: 1.801.111	22 kW	Socket	Yes	RFID	Bluetooth, Wifi & LAN
Connected C 22 kW Part no.: 1.801.101	22 kW	5 m cable	Yes	RFID	Bluetooth, Wifi & LAN



Accessories



Type 2 charging cable 5 m

An additional type 2 charging cable in case your car was not equipped with one or you have lost or damaged it. Available in the 11 kW and 22 kW variant.

5 m 11 kW
Part no.: 1.801.A21

5 m 22 kW
Part no.: 1.801.A23

Type 2 charging cable plug holder

Mount the holder to the surface with 3 screws and conveniently place the charging cable plug.

Part no.: 1.801.A10



About MRS Electronic

For more than 20 years, MRS has been developing and producing innovative electronic products, customer-specific hardware, and software solutions at its main location in Rottweil, Germany. With numerous international locations, including the USA, MRS supports customers worldwide.





Electronics

Components and solutions for automotive electronics as well as test systems for power semiconductors and monitoring systems for emissions.



Smart Buildings

Home and building automation, smart home installation consulting, and intelligent and environmentally friendly building concepts.



Smart Energy

Charging infrastructure solutions for e-mobility and intelligent systems for the optimal use of energy as well as intelligent energy storage systems.



Software Services

Web applications, mobile apps, custom solutions, and embedded software development for microcontrollers and similar hardware.

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