



MRS E-Mobility Products



2022

MCharger



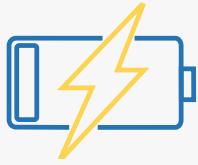
No matter which electric car you prefer, our MCharger wallbox provides an easy charging experience.

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



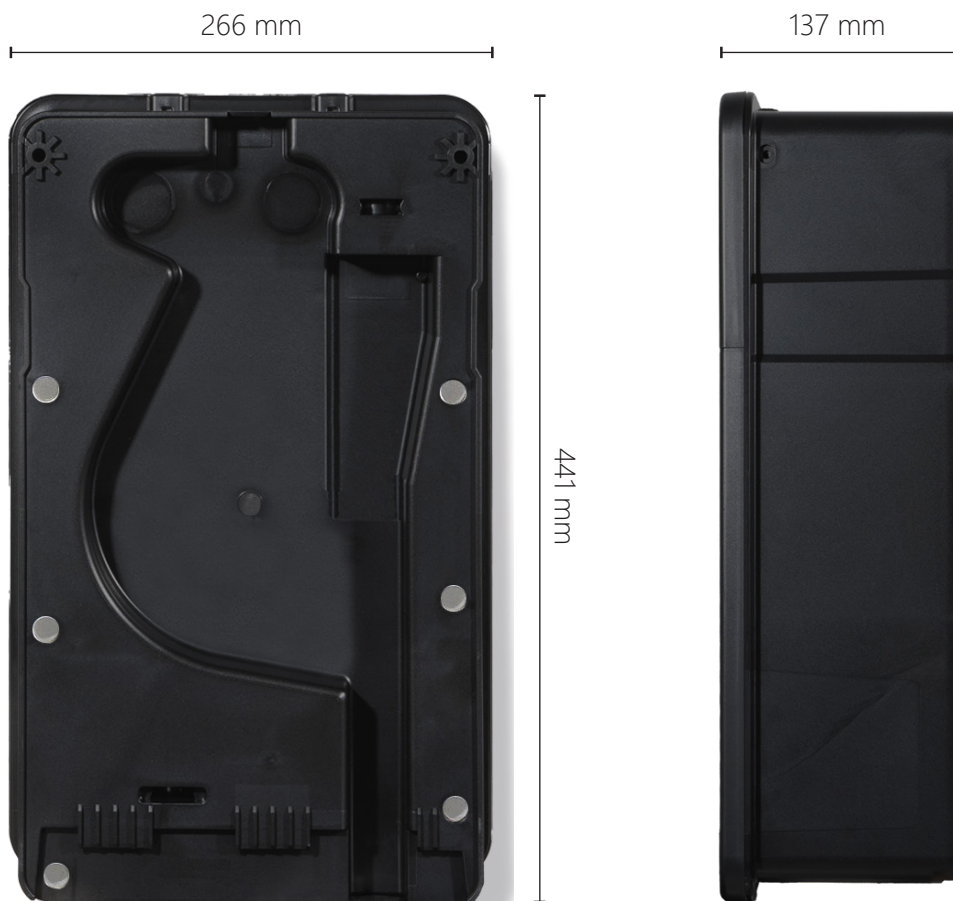
Protected Power Supply

Robust power pack with internal protection and filter device



Certified

CE, RoHS, WEEE, IEC



MCharger Easy

Simple but effective charger with Type 2 socket or 5 meters long cable with Type 2 plug. There are two available power options (11 kW and 22 kW) to choose from depending on your car or house grid capabilities.

MCharger Easy is designed for single household use. Just plug in and charge, no user management available for this model. All Easy models have a color display showing the charging status, time, power and consumption as well as notifications.





Easy C 11 kW

Type 2 charging cable 5m
Part no.: 1.801.000

Easy C 22 kW

Type 2 charging cable 5m
Part no.: 1.801.001

*Plug holder is not included and
can be ordered separately.*



Easy S 11 kW

Type 2 socket
Part no.: 1.801.010

Easy S 22 kW

Type 2 socket
Part no.: 1.801.011

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



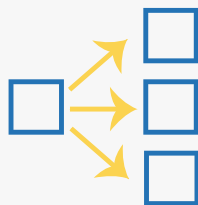
User management with charging history



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



Datasheet

	Easy C 11 kW	Easy S 11 kW	
Part number	1.801.000	1.801.010	
Max. Charging Power	11 kW		
Input Voltage			
Rated current	16 A		
Installation cable	Min. 2,5 mm ²		
Mains frequency			
Connection type	Cable 5 m	Socket	
Connector plug			
Charging mode			
Housing dimensions (W x H x D in mm)			
Net weight	5,2 kg	3,0 kg	
Cable entry			
IP protection class			
Machanical impact class			
Surge protection 61010-1			
IEC protection class			
Operating temperature			
Max. humidity			
Max. altitude			
Certifications			
2,4 inch color display			
Accoustic error warning			
DC fault detection 6 mA DC			
Loas Balancing			-
RFID reader			-
Power limitation			-
User management			-

Easy C 22 kW 1.801.001	Easy S 22 kW 1.801.011	Connected C 22 kW 1.801.101	Connected S 22 kW 1.801.111
22 kW			
230 V (1 ph) / 400 V (3 ph) AC			
32 A			
Min. 6 mm ²			
50 Hz			
Cable 5 m	Socket	Cable 5 m	Socket
Type 2			
3			
266 x 411 x 137 (W x H x D in mm)			
6,3 kg	3,0 kg	6,3 kg	3,0 kg
Top, bottom, rear			
IP54			
IK08			
CAT III			
I			
-25 °C to +40 °C			
95 %			
2000 m			
CE			
RoHS			
REACH			
IEC 6100-6-1/61000-6-3			
IEC 61851-10			
IEC 62196			
IEC 62955			
✓			
✓			
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