



www.efuturo.com • www.efuturo.com • www.efuturo.com • www.efuturo.com • www.efuturo.com

www.efuturo.com • www.efuturo.com • www.efuturo.com • www.efuturo.com • www.efuturo.com

Dear customer!

General

These instructions will help you to take the device into operation and to operate it without malfunction or risk.



Read the manual before you take the device into operation.

This manual will help you to:

- avert dangers
- familiarise yourself with the device
- achieve optimum function
- identify and remedy defects in good time
- avoid malfunctions due to improper installation
- prevent repair costs and downtimes
- increase the reliability and lifetime of the device
- prevent risks to the environment

The manual is an important part of the product and must be kept for future reference.

efuturo GmbH does not accept liability for damage caused by failure to observe the instructions in this manual.

Intended use

ⓘ Testing: If in doubt, have the charging infrastructure checked for suitability by a qualified electrician.

With our MODE 2 charging stations, you can charge your electric or hybrid vehicle at a suitable charging infrastructure.

Any other use is not permitted and is therefore contrary to the intended use. The charging station is only safe if this operator's manual and the documentation for the vehicle are observed.

- Before using the charging station, read this operator's manual and the documentation for your vehicle
- Non-observance of the instructions in this operator's manual and on the device can lead to personal injury or damage to property, such as electric shock, short circuit or fire



Use contrary to the intended use



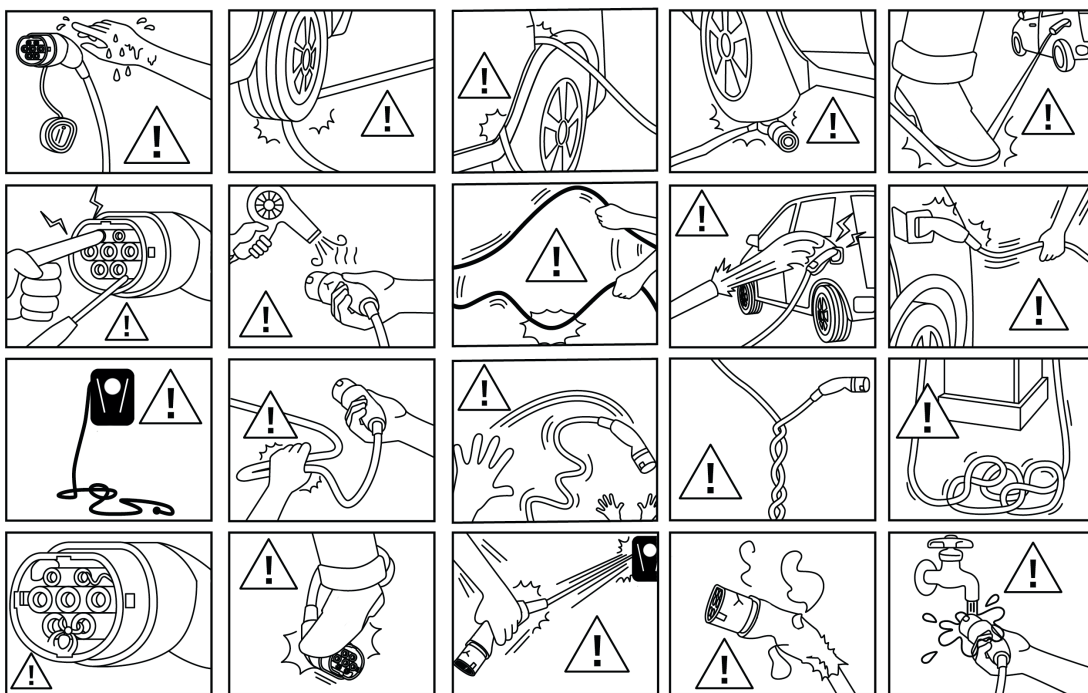
This is a Mode 2 charging station that is only suitable for electric vehicles with a Type 2 socket. Do not use it for electric vehicles with sockets of other types.

Use contrary to the intended use increases the risk of personal injury and damage to property. The following in particular are prohibited:

- Changing or manipulating the charging cable/charging station
- Connecting the charging cable to a faulty or unsuitable charging infrastructure, e.g. one that is not designed for a corresponding continuous load
- Using a defective charging cable

The user is responsible for all personal injury and damage to property resulting from use contrary to the intended use. **efuturo GmbH** does not accept liability for operating errors and damage resulting from use contrary to the intended use.

Basic safety instructions



- ⚠ Do not drive over the plug
- ⚠ Do not drive over the charging cable
- ⚠ Do not squash the charging cable
- ⚠ Do not drive over the charging station
- ⚠ Only pull the charging cable out of the charging socket directly at the plug
- ⚠ Do not heat the plug and cable
- ⚠ Do not kink the cable
- ⚠ Do not twist the cable
- ⚠ Keep children away from the charging cable
- ⚠ Keep animals away from the charging cable
- ⚠ Do not use adapter plugs or extension cables
- ⚠ Connect the charging cable to a suitable charging infrastructure that does not have any defects
- ⚠ Protect plug connections and plug-and-socket devices against moisture and liquids
- ⚠ Do not use the charging cable in potentially explosive environments containing flammable liquids, gases or dust

OPERATING INSTRUCTIONS

efuturo mobile charging station



Technical data

Model	efuturo universal	efuturo universal max	efuturo universal pro
Connector on vehicle side	Type 2	Type 2	Type 2
Charging mode	Mode 2	Mode 2	Mode 2
Standard / directive	EN 61851-21-2: 2017	EN 62752: 2016	EN 62752: 2016
Protection class	IP 66	IP 66	IP 65
Working temperature	-40°C to +75°C	-40°C to +75°C	-30°C to +75°C
Dimensions of housing	56 x 105 x 245 mm	56 x 105 x 245 mm	56 x 105 x 235 mm
Plug on mains side	Earthed plug	Earthed plug	Earthed plug
Certification	CE, RoHS	TÜV, CE, RoHS	CE, RoHS
Charging capacity	up to 3.7 kW	up to 3.7 kW	up to 3.7 kW
Nominal voltage	230 V	230 V	230 V
Nominal frequency	50 Hz	50 Hz	50 Hz
Rated current	10 A, 16 A adjustable	10 A, 16 A adjustable	6 A, 8 A, 10 A, 15 A, 16 A adjustable
Length	5.5 m	5.5 m	5.5 m
Overheating protection	Yes	Yes	Yes
Charging time can be selected	no	no	Yes
LCD display	no	Yes	Yes

Operation



DAMAGED CHARGING CABLE – FATAL SHOCK HAZARD

- ① **Self-test function:** The self-test function of the charging cable checks all important parameters when the charging cable is plugged into the charging infrastructure and only allows charging if all test criteria are met.

A damaged charging cable can lead to serious or fatal injury.

- Check the charging cable for damage (e.g. cracks) before each use
- Do not use a damaged charging cable

Starting charging process

- Uncoil charging cable
- Remove protective cap from the plug on the vehicle side
- Connect power supply to the charging cable, select the current and make the time setting* if necessary
- Connect Type 2 plug on vehicle side
- Start charging process on the vehicle

*Selection of current and time setting:

efuturo universal and universal max:

Use the power button to select the maximum charging current. Select the charging current before plugging in the charging plug (vehicle side).



Use the time delay key to start the charging process at a later time. With this function, you can charge your vehicle at night when electricity is often cheaper. Here too, you can choose between 1 and 12 hours or inactive. Select the time delay before plugging in the charging plug (vehicle side).

- As soon as the vehicle is charged, end the charging process
- Ending the charging process on the vehicle
- Disconnect Type 2 plug on vehicle side
- Disconnect power supply to the charging cable
- Put the protective cap on the plug on the vehicle side
- Coil up the charging cable without kinks
- Stow the charging cable properly in the vehicle

efuturo universal:

1	Status	5	LED display status
2	Operating mode	6	Switched on
3	Charging mode	7	Charging
4	Fault	8	Fault

1 LED display status	4 Charging mode
2 Separated mode	5 Charging finished
3 Connected mode	6 Fault

OPERATING INSTRUCTIONS efuturo mobile charging station



efuturo universal pro:

efuturo universal pro			
1 LED Display Status / DEL visual statut			
Getrennter Modus / Disconn. Mode / Mode d'arrêt	Verbundener Modus / Conn. Mode / Mode connecté	Ladender Modus / Charg. Mode / Mode de chargement	Fehler / Erreur
2	3	4	5
Light	Light	Flashing	Flashing

- 1 LED display status
- 2 Separated mode
- 3 Connected mode
- 4 Charging mode
- 5 Fault

Storage

During normal use, you will generally carry the charging station with you in the vehicle. You can use the carrying bag provided by **efuturo** for this purpose. Place the protective caps fitted at the factory on the charging plugs and then coil up the charging cable without kinks. Now stow it in your vehicle. If you store the charging cable for a relatively long period of time, you should clean it beforehand.

Cleaning

Depending on the contamination and the conditions of use, the charging cable can be cleaned with a dry or damp cloth.



Do not use aggressive cleaning agents

Disposal

The charging station must not be disposed of with household waste.

- Please send the defective device back to us. We will handle the professional disposal on your behalf
- If you have any questions, contact your dealer or disposal company
- Dispose of the packaging material in the waste containers for cardboard, paper and plastic

