

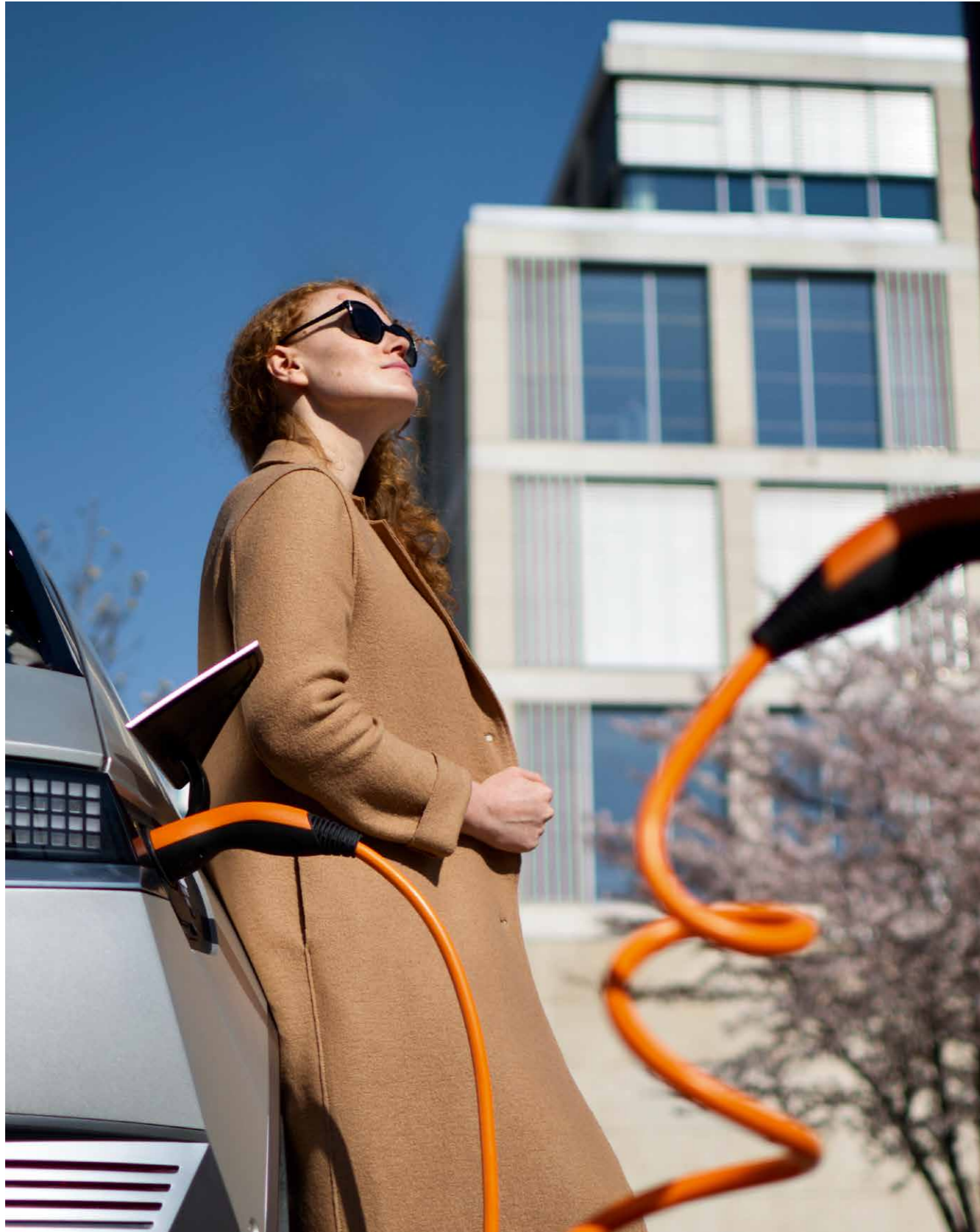
# CHARGING SOLUTIONS

for e-mobility



## E-MOBILITY WITHOUT LIMITS

LAPP HELPS YOU REACH YOUR DESTINATION WITH CERTIFIED PRODUCTS FOR CHARGING AT CHARGING STATIONS AND WALL BOXES, ALONG WITH SOCKETS FOR HOUSEHOLDS AND INDUSTRY.



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# MODE 3 CHARGING CABLES

CHARGING CABLE FOR USE ON PUBLIC CHARGING STATIONS AND WALL BOXES



WITH YOUR COMPANY LOGO  
ON REQUEST

## THE MODE 3 CHARGING CABLE

enables easy and fast charging at public charging stations and private wall boxes. Thanks to the standardised Type 2 connector, this is possible throughout Europe. The new silver-plated contacts and the cable in proven LAPP quality ensure optimum and safe power transmission and longevity of the charging cable.

## ADVANTAGES AT A GLANCE

- Silver-plated contacts for reliable power transmission and longevity
- Meets all relevant VDE and IEC product requirements
- Charging power up to 22kW
- For all electric vehicles and plug-in hybrids with type 2 vehicle socket
- Simple and convenient handling
- Elegant design
- For use inside and outside

C MARKING

SILVER-PLATED  
CONTACTS

LAPP CABLE

IN YOUR COMPANY COLOURS  
ON REQUEST





## CABLE VERSIONS

### SMOOTH

THE CLASSIC TYPE OF CHARGING CABLE



### HELIX

FOR SIMPLE HANDLING

The patented LAPP HELIX is a quick-charge cable that rolls back up to automatically take its original shape after charging is complete. This means that users don't have to spend time rolling it up by hand – the HELIX is quick and safe to store away.



### SPIRAL

THE COMPACT OPTION

## CONNECTOR DESIGN

### THE CONNECTOR HOUSING

is composed of two shells, which means that individual colour variations are possible. The lightweight material and slim shape of the LAPP connector make it ideal for everyday use.

### POWER CLASSES

20 A, 1-phase/3-phase;  
32 A, 1-phase/3-phase  
Charging power up to 22 kW,  
depending on version,  
IEC certified  
Standard colours: Black/orange  
Optional: Customer-specific logo



## MODE 2 CHARGING CABLES

MOBILE CHARGING STATION FOR CHARGING FROM HOUSEHOLD OR INDUSTRIAL SOCKETS



## PROPERTIES

### VERSATILE

- For charging from household or industrial sockets (country-specific versions available)
- Control box fitted with a type 2 coupling on the vehicle side
- Unique design:  
Variable cable and coupling colour

### SAFE

- IEC certified
- Meets IEC 62752 standard
- Integrated differential current sensor for excellent safety
- Temperature sensors in power connector and control box: Detection of excessive heat build-up, reduction of charging current and interruption of the charging process if the permissible temperature is exceeded
- Protection rating IP67 (control box)
- Control box protected against being run over



### USER FRIENDLY

- Simply plug-in and charge
- Automatically detects the maximum charging current thanks to coding in the power cable
- The charging process is fully automatic and ends as soon as the battery is charged.

### POWERFUL

- Power up to 22kW possible (with CEE connector and 32A power cable)

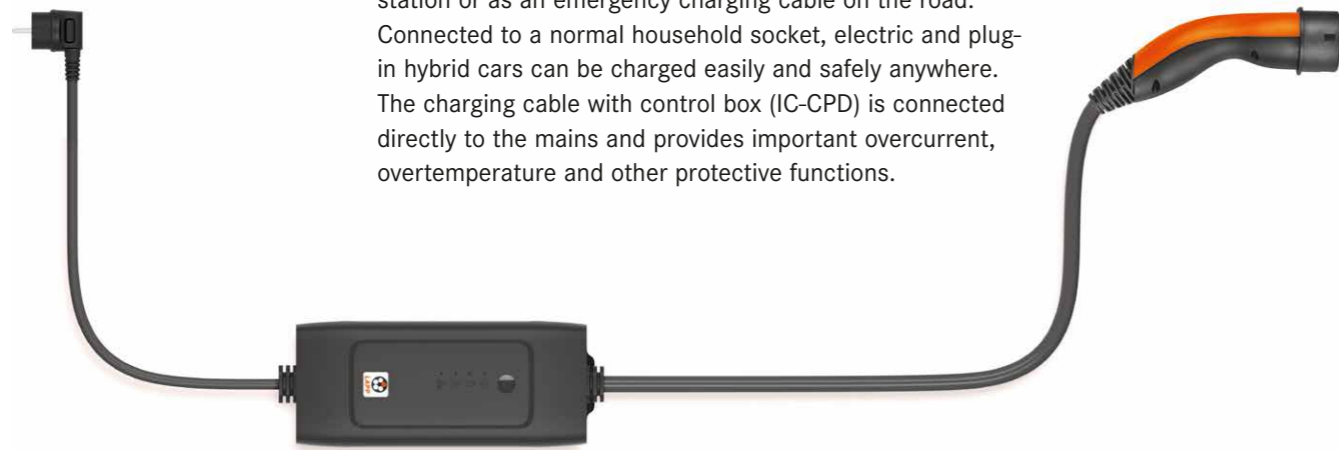


## BASIC MOBILE CHARGING STATION



### THE BASIC MOBILE CHARGING STATION (BASIC MODE 2)

is specially designed for mobile use as a home charging station or as an emergency charging cable on the road. Connected to a normal household socket, electric and plug-in hybrid cars can be charged easily and safely anywhere. The charging cable with control box (IC-CPD) is connected directly to the mains and provides important overcurrent, overtemperature and other protective functions.



## UNIVERSAL MOBILE CHARGING STATION



### THE UNIVERSAL MOBILE CHARGING STATION (UNIVERSAL MODE 2)

is specially designed for mobile use as a home charging station or on the road. Connected to a normal household socket, it allows electric and plug-in hybrid cars to be charged easily and safely anywhere. The charging cable with control box (IC-CPD) is connected directly to the mains power and the integrated control and protection unit controls the charging process via the cable to the vehicle. The interchangeable power adapter allows charging using different countries' connectors, including CEE connectors up to 32 A 3-phase.



## WALL MOUNT

### FOR THE MOBILE CHARGING STATION

### THE WALL MOUNT FOR THE MOBILE CHARGING STATION

enables the Mode 2 charging cable to be easily mounted on the wall in a garage, car port, underground car park or outdoor parking space. The optional lockable wall mount means that the charging station is always safely stowed away and conveniently attached to the wall, where it can be removed very easily when required. The Mode 2 charging cable with control box (IC-CPD) is connected directly to the mains power and the integrated control and protection unit controls the charging process via the cable to the vehicle.

The wall mount and mobile charging station combination gives you a simple wall box: the wall box light. On the road, the mobile charging station gives you the reassurance that you can always charge from a standard household socket.



### ADVANTAGES AT A GLANCE

- Quick and easy installation
- User-friendly thanks to intuitive insertion of the Mode 2 charging cable into the wall mount
- Secure attachment of the Mode 2 charging cable
- The Mode 2 charging cable means the charging process is automatic and ends as soon as the battery is fully charged.
- Lockable option - protects against theft
- Easy to remove

# MOBILITY DOCK

## RETHINKING CHARGERS

### THE MOBILITY DOCK

is a mobile charging device specially designed for charging at home or on the road. Connected to a standard household socket, it enables electric and plug-in hybrid cars to be charged easily and safely anywhere.

The existing mode 3 charging cable is effortlessly connected between the car and the MOBILITY DOCK, which is then connected to the mains power.

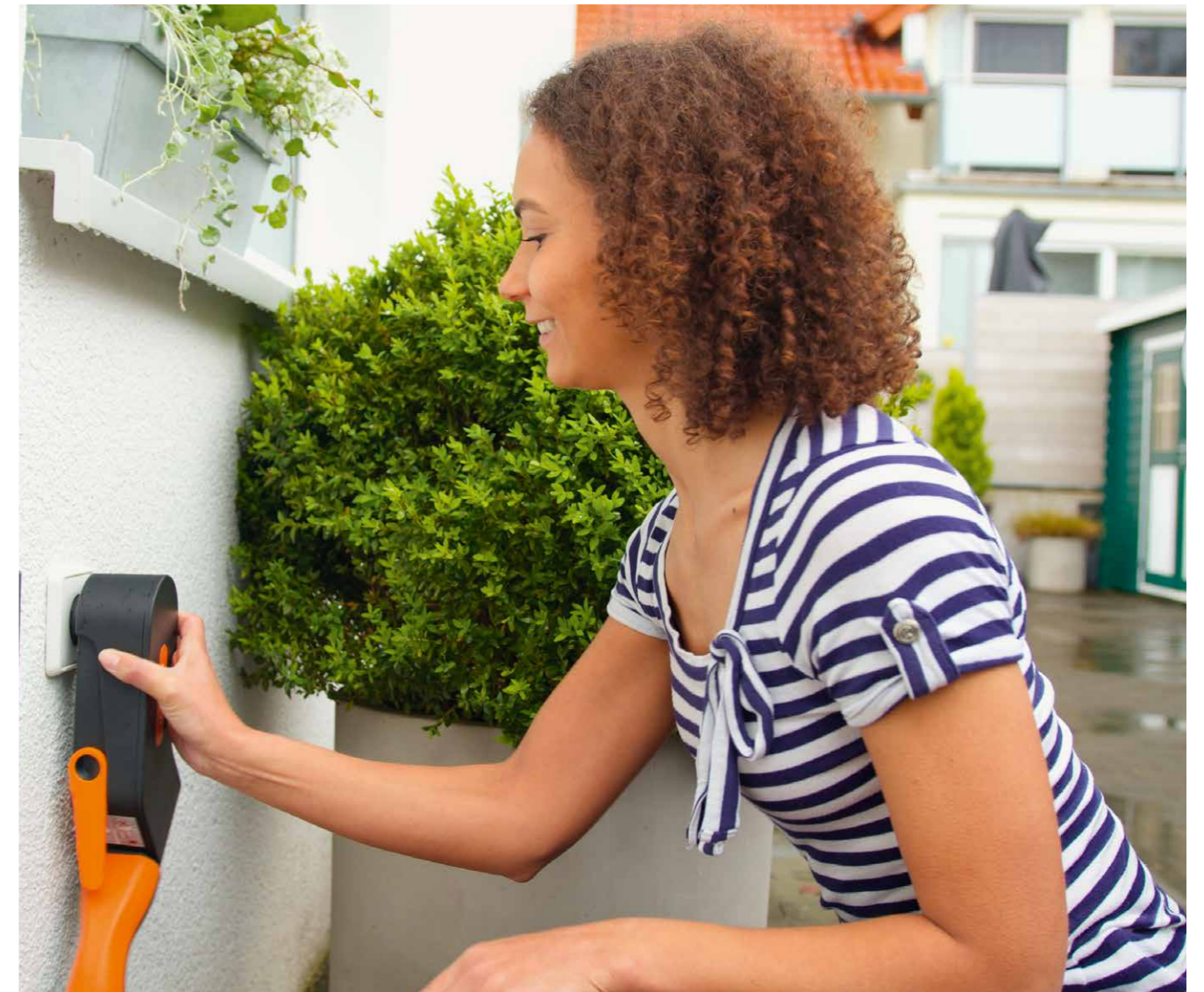
As well as the actual charging process, the MOBILITY DOCK has a range of protection functions, including essential overcurrent and excess temperature monitoring and protection for the user.



POWER CONNECTOR

TORQUE SUPPORT

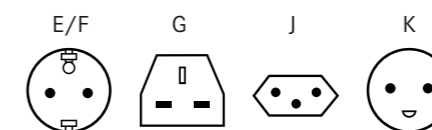
SOCKET FOR MODE 3 CHARGING CABLES



### ADVANTAGES AT A GLANCE

- Mobile charger for use with a standard domestic power socket
- 100% user friendly and intuitive
- Compact design and ergonomic, easy handling
- Space saving storage in boot
- Charging process starts automatically when requested by the car
- Meets all relevant requirements of the IEC62752 product standard
- Use with the mode 3 charging cable already available in the car
- Gyro sensor in housing for position monitoring

Available for following plug types:





# MOBILITY WALL BOX HOME PRO

## THE MOBILITY WALL BOX HOME PRO

enables you to easily charge your electric or hybrid car at any time at home, in the garage, in a car port or in an underground car park.

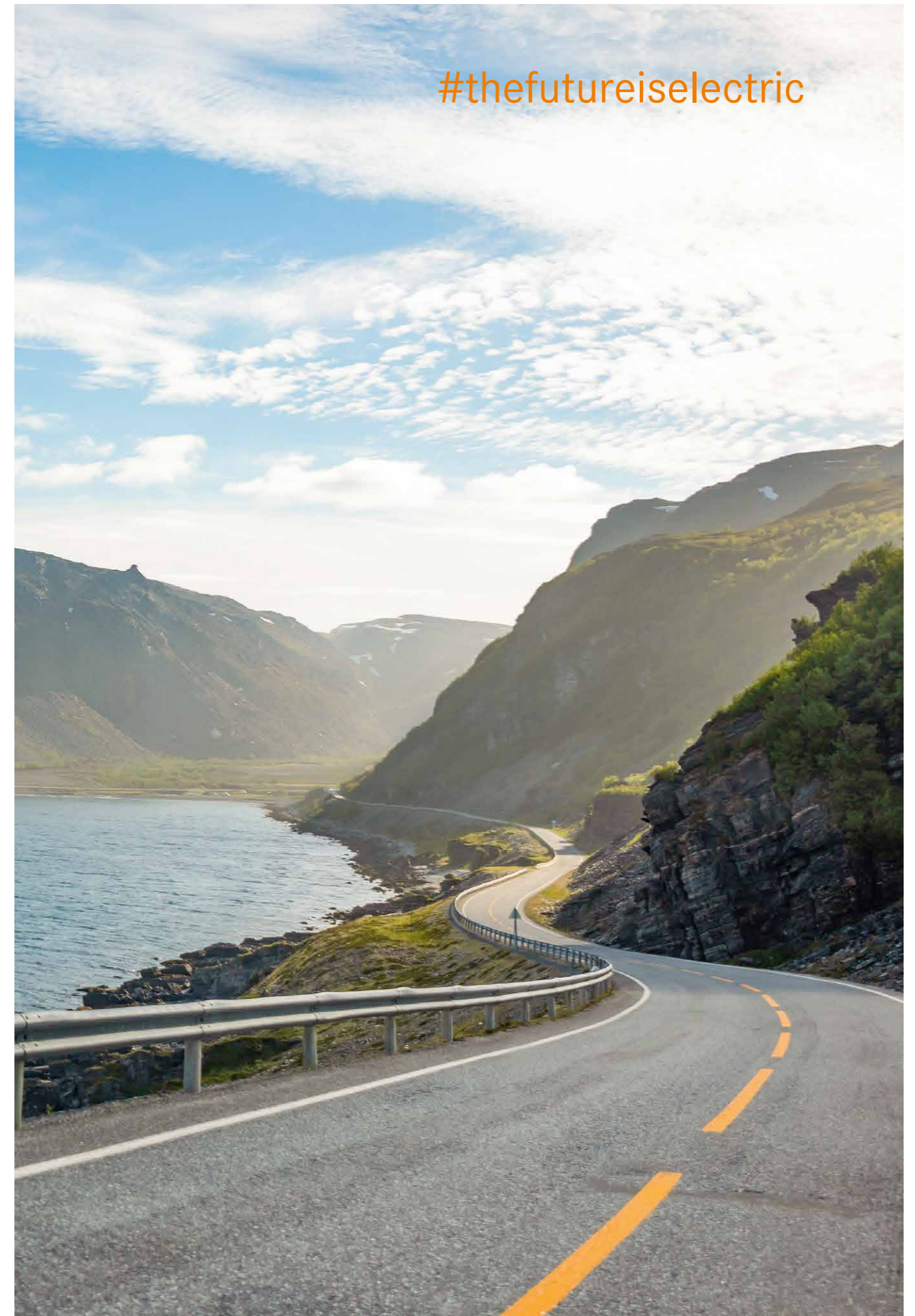
The type 2 plug socket allows charging from the wall box at any time using a standard mode 3 charging cable.



## ADVANTAGES AT A GLANCE

- Attractive and simple design
- Robust construction
- For all standard vehicle types and classes
- Ready to use at any time with standard mode 3 charging cable
- Load management enabled
- The charging process with the wall box runs automatically and is ended as soon as the battery is fully charged.

#thefutureiselectric





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