

charge. fast. anywhere.  
Your mobile charging unit



# NRGkick

Functions and  
Features

# Glossary

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# Easy & fast

# Charges every electric vehicle

NRGkick is able to charge any electric car with a type 2 connection. Plug and play is at the heart of this: to charge your electric vehicle, simply connect NRGkick to a power source and plug it into your electric car - that's it! Charging your EV has never been easier, faster and safer.

# Fastest possible charging

With NRGkick, all electric vehicles with a type 2 interface can be charged at the maximum possible AC charging speed (up to 22 kW). Compared to the "emergency charging cable" for household sockets, this means that charging is up to 10 times faster and you can start your next journey fully charged in the shortest possible time instead of many hours.

# Transportable

The NRGkick's extremely low weight (less than 4 kg for the 5m version) and minimal dimensions make it easy to take with you on all your trips. NRGkick is everything needed to charge an electric car: Using the available Smart Attachments, it supplies the electric vehicle with the maximum possible charging power at any standard socket and even at public charging stations.

# Usable on public charging stations

NRGkick is really everything your electric vehicle needs to charge!

The optional Type 2 plug attachment will soon be available for NRGkick; this means that NRGkick can also be used to connect to public charging stations.

As a result, NRGkick also replaces the additional (and expensive) Mode 3 cable that is usually required for connection to charging stations. And if you already have it because it was included with the electric car - just leave it at home and save space in the trunk for things you really want to take with you!



# Length 5m, 7.5m, 10m

NRGkick adapts to your circumstances through full flexibility: it is available in different lengths of 5m, 7.5m or even in the extra-long 10m variant. This eliminates the need for cumbersome and unsafe extension solutions - so just go for the perfect length for you!

# Smart Attachments for all sockets and countries

NRGkick Smart Attachments are available for all standard sockets: 32A 5pole, 32A 3pole, 16A 5pole, 16A 3pole, type 2, type E+F "Schuko" 13A, type J/T12/13 (Switzerland), type L (Italy), type G (Great Britain) and many more - so you are equipped for every country!

When connecting to standard domestic sockets, NRGkick of course observes the respective country-specific regulations - for example, in Finland, Switzerland and France, electric vehicles may only be charged with a maximum of 8A at household sockets, in Norway with 10A and in Denmark again only with 6A. With NRGkick, you can be sure that all these regulations are correctly observed.

# Automatic Smart Attachment identification

The Smart Attachment used is intelligent and not only for example transmits the temperature values measured at each phase pin or a country-specific charging current limit to the NRGkick - it is also identified by the NRGkick charging unit.

This ensures that, for example, with an NRGkick Smart Attachment 16A one can charge with a maximum of 16A.

# 1-/2-/3-phase charging possible

NRGkick is compatible with all electric vehicles with a type 2 connection. Whether they charge 1-phase, 2-phase or 3-phase, NRGkick is compatible in all situations so you don't have to worry about whether the charging unit is compatible with your electric car or not. With NRGkick, you always charge at the maximum possible speed!

# No installation necessary

A major advantage of the NRGkick charging unit is that nothing more than a socket is required - thus, unlike wallboxes, complicated installations are unnecessary, which saves a lot of time and money. The residual current protection mechanism for AC and DC residual currents, which would otherwise have to be installed separately, is also already included. And of course, NRGkick has the full, maximum charging power of up to 22 kW and charges all electric vehicles with a type 2 interface, regardless of whether they are capable of charging via 1-, 2- or 3-phase.

# Instantly ready to use - plug and play

With NRGkick, you don't have to spend a lot of time planning and installing: NRGkick can be used immediately at any standard socket and also at public charging stations using the optionally available Type 2 Smart Attachment. No complicated installation - just plug in and start charging!

This ensures that, for example, with an NRGkick Smart Attachment 16A one can charge with a maximum of 16A.

# Intuitive operation

The NRGkick charging unit, the patented safety plug system and also the NRGkick app as well as all the smart functions in the app have been optimised for intuitive operation. This means that you don't need to read thick manuals - just plug in and start charging, plug and play!

# Smart setup assistants

The NRGkick app guides you step-by-step through setting up WiFi networks, configuring inverters for photovoltaic-led charging and other processes using clever setup wizards - quick, easy and straightforward!





# Absolute Safety

# Patented high-level safety connector system

NRGkick's patented high-level safety connector system has unique features that are far ahead of the market. It consists of the Connector Unit and Smart Attachments, which are available for all standard sockets and will soon be available for public charging points. In fact, NRGkick is the only thing an electric vehicle driver will ever need to charge his vehicle anywhere there is electricity!

However, the system scores with many more functions. For example, it makes it possible to measure the temperature - and this for every single Smart Attachment and on every single phase pin. Scorched sockets are therefore impossible with NRGkick! With Smart Attachments for domestic plugs, the temperature is measured on both pins.

# Automatic self check

When the NRGkick is connected to the power supply and additionally before each charging start, a self-check is carried out which, among other things, performs a complete check of the integrated residual current protection mechanism and other safety mechanisms, thus ensuring that the mobile charging unit functions properly and, above all, safely.

*Extremely robust*

# Theft-protected

No chance for thieves: The Type 2 plug on the vehicle side of the charging unit is mechanically locked to the electric car and remains so until the user removes the lock. This rules out the possibility of the NRGkick being stolen.

*Extremely robust*

# Tamper-protected

NRGkick offers comprehensive protection against improper adjustment of the charging current, for example by curious passers-by or inquisitive children: 20 seconds after plugging the NRGkick into the vehicle, the charging current can no longer be adjusted on the charging unit itself, thus preventing unpleasant surprises. By the way: With the free NRGkick app, only the authorised user can adjust the charging current to his or her needs at any time, even during charging!

*Extremely robust*

# Absolutely temperature resistant (-40 to +70 °C)

Practical experience shows that many charging units and wallboxes have problems with heat - this means that the charging current has to be reduced or, in the worst case, the charge even has to be paused or aborted. NRGkick is more than a nose ahead of all the others and is extremely resistant to heat, but also cold, with an operating temperature range from arctic -40 degrees to true desert temperatures of +70 degrees Celsius.

Absolute  
SafetyHighest  
QualityFull  
ConnectivitySmart  
functionsMaximum  
Comfort

*Extremely robust*

## Water- & dustproof (IP67)

The extraordinarily high protection classification IP67 states that wetness absolutely cannot harm the charging unit. Even submerging the charging unit under water would not cause any damage or impairment. While other charging solutions already run into problems in a light drizzle, NRGkick can withstand a monsoon with ease.

By the way: Even if NRGkick gets soaking wet, operation via the touch-sensitive surface continues to work perfectly (in winter even with gloves, to protect fingers that are very sensitive to cold...)!

*Extremely robust*

# Shock and impact resistant (IK10)

Imagine your charging unit accidentally falling onto the hard asphalt floor: While elsewhere you have to pick up splinters of broken plastic, with NRGkick you can continue loading easily and relaxed.

Because NRGkick is shock and impact resistant according to IK10, it is extremely robust and can easily withstand even accidental contact with hard surfaces without suffering any damage.

Absolute  
SafetyHighest  
QualityFull  
ConnectivitySmart  
functionsMaximum  
Comfort



*Extremely robust*

# Use of soft components

The soft components on the charging unit itself ensure optimal haptics, perfect grip and protect the unit from scratches. These soft components are also found on the connector unit of the patented safety connector system. Here they ensure that you can hold the charging unit perfectly and securely while plugging/unplugging the Smart Attachments.

Absolute  
SafetyHighest  
QualityFull  
ConnectivitySmart  
functionsMaximum  
Comfort

*Extremely robust*

# Drive-over proof

NRGkick is extremely robust despite its handiness and low weight. It even passes the drive-over test with a vehicle (according to IEC EN 62752) flawlessly. Even if it hopefully never happens to you: If the worst comes to the worst, NRGkick is completely safe even under such extreme situations.

Absolute  
SafetyHighest  
QualityFull  
ConnectivitySmart  
functionsMaximum  
Comfort

# Overvoltage protection

NRGkick protects against overvoltages and even against incorrectly wired sockets! For example: A socket was accidentally wired to L2 or L3 instead of the N conductor. Thus, the electronics would not be supplied with 230V but with 400V - this would destroy devices connected to this incorrectly installed socket. NRGkick, on the other hand, does not take any damage here due to the integrated protection against overvoltage and also reliably prevents charging from being carried out at the incorrectly installed socket.

In the future, there will even be configurable push notifications for your smartphone to alert you that there might be a problem with the connection!

# Mains frequency diagnosis

The NRGkick app informs the user about a range of details - not only about the charging process itself. For example, the current, voltage and power of each individual phase as well as the mains frequency are displayed.

*Electrotechnical building protection*

# Protection from wrongly wired sockets

NRGkick detects whether a socket has been wired or installed incorrectly - for example, if a second phase has been connected to a three-phase socket instead of the neutral conductor. This enables it to alert the user that there is a problem with a socket by means of an LED signal on the charging unit and the connector unit, and in future even by means of configurable notification/push notification on the smartphone.

Absolute  
SafetyHighest  
QualityFull  
ConnectivitySmart  
functionsMaximum  
Comfort

*Electrotechnical building protection*

# Residual current protection mechanism included (AC, DC + 6mA)

NRGkick has an all-current sensitive residual current protection mechanism which reliably and permanently monitors and complies with the strict limit values of the latest standards (AC, DC + 6 mA). This provides maximum possible safety from fault currents that could otherwise be released from the electric car into the supply network! It also reduces costs for the user, as an expensive type B RCD is no longer necessary in the upstream installation.

*Electrotechnical building protection*

# PE conductor test

NRGkick uses sophisticated measurement technology (loop impedance measurement) to check whether the earth conductor circuit is properly designed and otherwise issues an error message. Nevertheless, with NRGkick it is of course also possible to charge in networks without earth conductors ("Norway mode").

Absolute  
Safety

Highest  
Quality

Full  
Connectivity

Smart  
functions

Maximum  
Comfort

# Internal switching contact check

The internal switching contact of the mobile charging unit is checked for safe condition during the self-test. Charging is only possible if the diagnosis is absolutely error-free. If this is not the case, charging is impossible and you will also be informed of the detected error by LED signals on the charging unit and the Connector Unit.



# Phase shift detection

NRGkick is able to detect phase shifts. If a phase has been "bridged" across all three phases and charging is attempted at such a socket, NRGkick protects against this and informs the user of the fault by means of the LED displays on the charging unit and Connector Unit.

*Electrotechnical building protection*

# Hot-unplug detection with arc protection

If a user disconnects a charging unit from the socket while charging is in progress (without properly terminating the charge beforehand), an "electric arc" will occur. With ordinary charging units, this damages the contacts on the socket and the plug or adapter and thus poses a danger - because damaged contacts lead to higher heat generation.

With NRGkick, this is completely impossible - it is the only charging unit on the market, where even if the system is disconnected during charging, the current flow is interrupted even before the contacts leave each other - dangerous arcing is thus excluded!

*Electrotechnical building protection*

# „Norway mode“

NRGkick checks whether the protective earth circuit is properly designed and otherwise issues an error message. However, even in countries where there is no earth conductor, charging with NRGkick is no problem thanks to the "Norway mode" by acknowledging the error message.

*Electrotechnical building protection*

# Blackout protection

NRGkick protects you from power outages with its integrated blackout protection: Thanks to the low-voltage protection in combination with the autonomous load management, NRGkick is able to automatically regulate the charging current in the event of a voltage drop due to an excessive load in the grid so that the power grid can "recover" or stabilise again.

# Undervoltage protection

NRGkick recognises and prevents undervoltage by means of autonomous load management by automatically adjusting the charging current if the voltage is too low due to a mains overload. If this is not sufficient, NRGkick interrupts the charging process and informs you via LED signals and soon also via push notification on your smartphone.

*Protection against dangerous overheating*

# Dual domestic socket overheating protection

With its patented safety connector system, NRGkick offers special safety in precisely this sensitive area, as both pins of the NRGkick domestic Smart Attachments for household sockets are temperature-monitored.

This means that even safety-critical household sockets are particularly well protected and monitored by NRGkick!

*Protection against dangerous overheating*

# Socket overheating protection

A socket with dirty or damaged contacts or with insufficiently wired conductors leads to contact resistances, which in turn generate heat - there is a risk that the socket will burn out!

All of the NRGkick's Smart Attachments are able to detect the temperature on each phase pin; with Schuko Smart Attachments, the temperature is detected on both pins. In combination with the Thermo-Protect temperature management of the NRGkick charging unit, dangerously high temperatures are reliably avoided - so with NRGkick, scorched sockets are finally a thing of the past!

*Protection against dangerous overheating*

# Thermo-Protect temperature management

By monitoring the temperature of the Smart Attachments at each phase pin, the NRGkick charging unit knows exactly whether the temperature at the connection point is still within an acceptable range or whether there is a contact resistance that generates heat due to a poorly wired socket (contacts not optimally closed, etc.).

Before it becomes dangerous and the temperature in the socket becomes so high that materials can melt, NRGkick regulates the charging current fully automatically. If this does not help either, the charge is even paused in an emergency.



*Protection against dangerous overheating*

# Temperature monitoring of all Smart Attachments

With the patented high-level safety connector system, DiniTech brings a unique feature that is far ahead of the market. The system is able to measure the temperature on each individual phase pin - on both pins in the case of Schuko Smart Attachments. This does not yet exist in this form; some brands only measure the temperature (if at all) at the Schuko adapter. However, the connector system of NRGkick ensures that it really does look at every single phase to see whether the temperature is moving into a dangerous range! In combination with the ThermoProtect function of the NRGkick charging unit, this ensures that charging is reduced or even paused before danger arises due to excessive heat development.



# Highest quality

# VDE and ÖVE validated and certified, CE conform

NRGkick is the first mobile charging unit ever to be validated and certified by VDE and ÖVE! The VDE (Verband der Elektrotechnik Elektronik Informationstechnik e. V.) is the most respected body in this field. This therefore expresses correct compliance with the relevant norms and standards and is proof of the NRGkick's outstanding product and manufacturing quality. For this reason, NRGkick proudly bears the VDE and ÖVE labels on its product.

It goes without saying that NRGkick and all accessories are CE compliant.

# VDE and ÖVE monitored production facility

With NRGkick, not only the products themselves, but also the manufacturing facility are certified and monitored by VDE and ÖVE!

This means that the product quality and the manufacturing process have been certified by VDE and ÖVE and that compliance with the criteria continues to be checked by VDE and ÖVE during production on an ongoing basis! This ensures a clear quality advantage.

# Quality suppliers

DiniTech sources all components for NRGkick exclusively from quality suppliers who meet the high requirements. This results in highest product quality and maximum durability.

# Designed & Made in Austria

NRGkick was and is completely developed in Austria and is also produced there in a competence centre for charging technology built from scratch by DiniTech! This applies not only to the hardware, but also to the software such as the NRGkick app, cloud, the software in the charging unit itself,...). The high quality is rewarded - NRGkick is now distributed from Austria in over 38 countries around the world.

# Highest number of mating cycles due to silver coating

NRGkick focuses on above-average quality in all respects: All contacts of the Smart Attachments are provided with a silver coating. This ensures the best contact properties even after years and many thousands of mating cycles!

# Eligible for funding

NRGkick is eligible for subsidies of up to 600,- Euro for private users in Austria! In addition, other variants of NRGkick ("NRGkick KfW Select / Max") with the NRGkick Wall Socket and locked protective cover is also subsidised with 900,- Euro as part of the KfW 439, 440 & 441 grant programme in Germany (provided grant programmes are active).



# High quality EV charging cable

The high-quality EV charging cable is designed to be very flexible, making handling (e.g. when stowing it in the transport bag) particularly convenient and easy. The EV charging cable is manufactured to an extremely high quality and is specifically designed for charging electric vehicles.

Easy & fast

Absolute  
Safety

Highest  
Quality



# Full connectivity

Full  
Connectivity

Smart  
functions

Maximum  
Comfort

# Connection via Bluetooth and WiFi

NRGkick already offers you communication by default not only via Bluetooth, but also via WiFi networks, without the need for additional hardware. The WiFi networks can be optionally assigned to a location so that you can later see exactly at which location you have charged which amount of kWh.

# Connection via GSM/GPS/SIM

The NRGkick variant with GSM/GPS/SIM ensures that you really do have access to your NRGkick from anywhere. Not only EDGE and GPRS are used, but also 4G M1 and 4G NB-IoT - these types of connection were specially developed for "Internet of Things" applications and designed to provide access to your NRGkick even in situations where communication is difficult (e.g. underground car parks)! If, for example, charging costs are only reimbursed to third parties if they have taken place at certain locations, you can be sure that the charges are securely recorded and transmitted thanks to GSM/GPS/SIM.

# Web API interface

NRGkick will soon (expected beginning of 2022) have a Web API interface and freely available documentation to help with networking. This makes it possible, for example, for other smart service providers to communicate with NRGkick and integrate it into their control systems.

# Free NRGkick App

The free NRGkick app for iOS and Android is the gateway to the multitude of smart functions that the NRGkick charging unit offers you. Of course, this is always optional and not a must! If you want to "just charge", you don't need the app or smartphone. But if you want to use the multitude of possibilities such as automatic charging reports, timed charging, photovoltaic-led charging and much more, the NRGkick app will become your new favourite smartphone application!

# NRGkick Cloud access

The NRGkick Cloud ensures that you can use all services and functions anytime and anywhere. If the NRGkick charging unit is linked to the cloud, you can access the NRGkick and all charging data and functions from anywhere, for example, using your smartphone! NRGkick communicates with the cloud via Internet access via WiFi or optionally GSM/SIM, so you can access the services even if you are not near the NRGkick or its WiFi network with your smartphone.

# Location functions via GNSS (GPS)

The NRGkick variant with GSM/GPS/SIM includes location functions via GPS. This means that you can see exactly where, when and how many kWh were charged in the charging reports, for example. This is of great benefit when it is necessary to prove to third parties where charging has taken place for the purpose of reimbursement of charging costs. But with NRGkick you are no longer dependent on wallboxes and charging cards and the like - here you always have the "wallbox" with you and yet it can always be traced exactly where the charging took place! Even when using charging network services (e.g. via OCPP), it is possible to transmit charging location data.



Easy & fast

Absolute  
Safety

Highest  
Quality

Full  
Connectivity

# Intelligent functions



Smart  
functions

Maximum  
Comfort

# Smart functions upgradeable

NRGkick adapts to your wishes - functions can be upgraded at any time even after purchase! You already have an electric vehicle, but are only planning your photovoltaic system for the next few years? No problem with NRGkick! Get functions via inexpensive in-app upgrade such as photovoltaic-led charging for your NRGkick at any time later on - without additional hardware, without buying a new charging unit! In addition to photovoltaic-led charging, there will be many other features that you can add to NRGkick at any time later if you wish: Communication via OCPP and soon also extended load management, fleet management and much more!

# Detailed charging statistics

NRGkick doesn't miss a thing: you can find out all the details at any time via the free NRGkick app: Current, voltage and power of each individual phase and even the mains frequency can be viewed! During charging, you can also track exactly how many kWh have already been charged, what range this corresponds to and much more.

# Charging reports with GPS-coordinates

NRGkick comes with connectivity via Bluetooth and WiFi as standard. However, it is also available with additional communication options - GSM/GPS and integrated SIM! This means that the charging unit can indeed be accessed from anywhere, without you having to be nearby and regardless of any WiFi networks that may not be available. Thanks to GPS, NRGkick also has the ability to display charging processes in charging reports with the associated geolocation data! This means that you can subsequently determine exactly where and how much was charged - which can be very helpful if you only want to/can only prove charges from certain locations (e.g. for billing purposes).

# Locally assignable charging reports

In the NRGkick app, it is also possible to specify the location of the WiFi networks that have been set up - for example, "At home" or "At work". This information can also be seen later in the charging reports, which makes it possible to make precise statements about the amount of energy charged at a specific location!

# Continuously adjustable charging current in 1 A steps

Using the free NRGkick app, it is possible to regulate the charging current in the smallest possible units for electric vehicles: from 6A to 32A in 1A steps! This allows you to adjust the charging current as precisely as possible to your needs.

# Starting/stopping of charging process anytime

The NRGkick app allows you to stop or restart the charge at any time with a simple tap of the button on your smartphone.

# Overview of charged energy quantity

The NRGkick app gives you a quick and immediate overview of the amount of energy charged and the resulting range during charging.



# Detailed information on current, voltage, power, energy

The free NRGkick app provides you with detailed information on current, voltage and power at any time - for each individual phase! Of course, you can also check how much energy has already been charged during the current charging process. Of course, past charges can also be viewed at any time via the charging reports in PDF and CSV format.

# Adjustable charging energy quantity

The amount of energy to be charged can be limited at any time via the NRGkick app. This ensures that the electric vehicle does not charge to 100 %, for example, but that the charge ends earlier and is therefore more gentle on the battery.

# Display of charging costs

In your NRGkick app, you can enter the electricity costs per kWh and the currency to be used. On this basis, you can see transparently, quickly and at any time how high the charging costs are and you always have a complete overview!

# Display of CO2 savings and charged range

The NRGkick app not only shows the charging costs - the CO2 savings are also visible at a glance, as is the range of your electric vehicle that results from the charging process.

# Definable charge timer

With the timed charging function, you can use the NRGkick app to quickly and easily determine whether charging should start at a later time - for example, because the electricity is cheaper at that time.

# Scheduled charging with charging plans

With the time-controlled charging function, detailed charging plans can be created in no time at all to charge the electric vehicle. Either simply and quickly define when charging should start - or use the full range of functions and create detailed charging plans for each individual day of the week! For example: Using the NRGkick app and time-controlled charging, you can specify that from Monday to Friday, charging should only take place at night from 02:00-06:00 with maximum charging power, while at the weekend it should take place all day, but here only with 10 amps, for example... Absolute flexibility!

# Photovoltaic-led charging with phase transition (1)

You own an electric car and a photovoltaic system? Then NRGkick can make your dreams come true... You will soon be able to activate photovoltaic-led charging via an inexpensive upgrade in the app! No additional hardware is required, and thanks to the smart setup wizard, it can be set up in just a few minutes without any programming knowledge.

With photovoltaic-led charging, NRGkick connects to an inverter and, if desired, to battery storage and is thus able to charge the electric car with electricity from the PV system using three strategies: Surplus Charging, 100 % Solar, Supportive and Sunny Home Manager-led.

In addition to Fronius and SMA, other manufacturers such as SolarEdge and Kostal will be integrated.

# Photovoltaic-led charging with phase transition (2)

In photovoltaic-led charging, NRGkick is also able to automatically switch phases on and off. This enables charging with solar power even at low power levels (1-phase from 1.38 kW) and means that 1-phase charging can also be regulated in small steps (1 ampere or 0.23 kW). If the power generation of the PV system increases, NRGkick can automatically charge with up to three phases without any further effort, so that even at maximum PV yield, everything can be used for charging the electric vehicle and is not unnecessarily fed into the grid.



# Energy meter

The integrated energy meter in NRGkick allows you to track exactly how many kWh you have charged at any time. NRGkick also offers the option of exporting this and other data as a charging report, automatically or manually at any time. This allows you to prove charging costs to third parties at any time.

# Updatable (OTA) and future-proof

NRGkick is not only upgradeable - but also absolutely future-proof via Over-the-Air (OTA) updates, as both new functions and improvements are automatically downloaded from your NRGkick and are immediately available.

# Automatic charging reports (PDF & CSV)

Using the free NRGkick app and the NRGkick Cloud, you can receive detailed charging reports at any time (charged kWh and costs over the entire period, charged kWh and costs per charge, charged kWh and costs per day). You can immediately receive a report for a pre-selected period (last week, current week, last month, current month, last 7 days, last 30 days, current year,...) or a completely freely definable period - as a PDF and/or CSV file.

In addition, you can of course also activate the automatic loading reports, which keep you up to date on a weekly and/or monthly basis - all by themselves.

# Charging Networks – Ready for billing (OCPP)

NRGkick offers communication over OCPP as an optional, inexpensive upgrade. This allows communication with charging networks via the OCPP protocol - for example, to transmit charging data for billing purposes. Some providers are already pre-configured (and more are being added all the time), but it is also possible to enter the required data yourself.

# Autonomous load management

An absolutely unique feature: NRGkick brings autonomous load management and protects against power outages! This means that if NRGkick detects that the voltage in the grid is dropping too low due to an excessive load, the charging current is automatically regulated so that the grid can "recover" or stabilise.

Unlike other load management systems, no complex configuration is necessary here - the autonomous load management of the NRGkick works fully automatically and without any intervention by the user. Of course, this also means that it protects against blackouts or power failures, as an overload of the grid is avoided.

# Grid-supportive charging

Grid-supportive charging is becoming increasingly important - NRGkick is already prepared. Thanks to the versatile communication options (Bluetooth, WiFi, GSM/SIM, Cloud) and standards (OCPP), NRGkick is absolutely future-proof. Unlike other load management systems, no complex configuration is necessary here - the autonomous load management of the NRGkick works fully automatically and without any intervention by the user. Of course, this also means that it protects against blackouts or power failures, as an overload of the grid is avoided.

# Configurable push notifications

Configurable push notifications will soon be integrated. This will make it possible to receive automatic notifications on your smartphone that inform you about important events: For example, you can specify whether you want to receive information immediately when errors are detected by NRGkick (triggering of the overvoltage protection, excessive temperature measured on a phase pin, etc.).

Easy & fast

Absolute  
Safety

Highest  
Quality

Full  
Connectivity

Smart  
functions



# Maximum Comfort



# Smallest dimensions

Goodbye, unwieldy charging brick and bulky giant metal cylinder! NRGkick is one of the smallest smart 22 kW charging units ever. The literally "handy size" ensures convenient and easy handling and makes it child's play to make the charging unit your companion on all your journeys.

# High-quality transport bag

The high-quality NRGkick transport bag ensures that the NRGkick charging unit and all common Smart Attachments can be safely stored and conveniently taken anywhere. Of course, this applies to all length variants of the NRGkick!

# Acoustic feedback

You will be at a loss for words! NRGkick is able to give acoustic feedback and thus inform you about the current status - or even about detected errors - via acoustic signals.

# Operation via touch-sensitive surface

NRGkick features a touch-sensitive surface. This makes it possible to operate it like a smartphone with a simple swipe of the finger. Of course, it is also water-resistant, which means that even if the charging unit gets wet, it can still be operated without any problems. The sensitivity has been designed in such a sophisticated way that operation is possible even with gloves on in winter.

# Seamless design - no buttons

NRGkick has a seamless, attractive design without any buttons or knobs. This makes the unit even more resistant to moisture (IP67) and makes it incomparably comfortable to operate.

# Max-Flex charging cable for easy handling

The only 16mm thin, high-quality Max-Flex charging cable is particularly easy to handle and makes it immensely easier to store your NRGkick quickly and easily in the optional transport bag.

# LED indicator on charging unit and connector unit

NRGkick has two LED displays that keep you informed about the current status. Not only on the charging unit itself, but also on the patented high-level safety connector system, you can see from a distance whether your vehicle is being charged or whether NRGkick even wants to inform you about a detected fault!

# Haptic vibration feedback

When operating the NRGkick, you receive vibration feedback from the charging unit, making it even more intuitive and easy to use.



# Water-tolerant touch surface

Unlike most other charging solutions, NRGkick can be controlled effortlessly via a touch-sensitive surface - virtually at the swipe of a finger! If the charging unit gets wet due to a downpour, this is absolutely no problem: the touch-sensitive surface is also water-tolerant, which means that simple and error-free operation is possible even under these circumstances.

# Connector Unit with partly soft surface

The connector unit of the patented safety plug system has soft components - this not only feels great, but also ensures that connecting and disconnecting plug attachments is quick, easy and effortless. The soft components ensure a perfect grip and make changing Smart Attachments a breeze.