

charge. fast. anywhere.
The flexible Wallbox.



NRGkick

Flexible wallbox for electric vehicles
Product data sheet



NRGkick

Safety connector system



For every electric vehicle (Type 2)

1-/2-/3-phases
Charging power from 11 up to 22 kW

Different cable lengths

5m, 7,5m or 10m

Light-weight and handy

Extra light for easy transport

Plug and Play - 30 seconds

Intuitive operation, plug in and start charging
Scan QR code for video tutorials

Detailed overview

Access to all information with NRGkick app
Data will not be lost

Extremely robust

Drive-over safe
Waterproof/dustproof (IP67, IP69K)

Easy & fast

NRGkick charges at the maximum possible AC charging speed (from 11 up to 22 kW). It can be used immediately at any standard socket and at public charging stations - without any complex installation.

Safe

NRGkick offers unprecedented safety features. The NRGkick's patented safety connector system, for example, ensures that dangerous arcing is eliminated and provides temperature monitoring for each attachment and on each individual phase pin.

Innovative

NRGkick is one of the most innovative charging units that exist. Thanks to its full connectivity (4G M1, 4G NB-IoT, EDGE, GPRS), charging can be precisely assigned via GPS or WLAN location linking. Operation is convenient via NRGkick app or with a swipe on the touch surface of the charging unit.

Attachment 32A 5Pole*

3-phase | max. 22 kW



Attachment 32A 3Pole*

1-phase | max. 7,4 kW



Attachment 16A 5Pole

3-phase | max. 11 kW



Attachment 16A 3Pole

1-phase | max. 3,7 kW



Attachment Typ 2

3-phase | max. 22 kW



Attachment domestic plug

1-phase | max. 13 A
more variants available



Wall socket 16A / 32A*

3-phase | max. 16 A / 32A



*can only be used with NRGkick 32A.

Product information

Absolute safety

NRGkick is the safest charging unit on the market. It offers a wide range of safety features such as temperature monitoring on each Smart Attachment and phase pin, overheating protection, blackout protection, undervoltage and overvoltage protection, phase shift detection, false connection test, switching contact diagnosis, protective conductor test by means of loop impedance measurement, included residual current protection (AC, DC + 6 mA) and much, much more!

Full connectivity

Via Bluetooth, WiFi, NRGkick Cloud and the API, NRGkick is accessible at any time and place. Optionally, the intelligent charging unit offers connectivity via GSM/GPRS/SIM. Here, the connection is established via EDGE, GPRS as well as 4G M1 and 4G NB-IoT and is thus equipped for the requirements of the Internet of Things. There is also the option of integrating NRGkick into your smart home system using the local API.

Intelligent Features

The multitude of functions makes NRGkick arguably the most intelligent charging unit on the market, offering for example: Automatic charging reports, locally assignable charging reports via WiFi, display of charging costs, time-controlled charging, upgradeability, photovoltaic-led charging, optional OCPP, grid-serving control capability, home load management, Charging4Fleets...

Highest Quality

NRGkick was the first mobile charging unit ever to be validated and certified by VDE and ÖVE. However, not only NRGkick itself, but also the production meets the highest standards. Therefore, the manufacturing and production facility is also certified by VDE and ÖVE and continuously monitored.



Technical data

Type name

NRGkick

Nominal voltage

230V/400V~ 50/60Hz

Nominal current

16 | 32A

Maximum charging power

11 | 22 kW

RCD (AC)

30mA

RCD (DC)

6mA

IP protection class

IP67 + IP69K; IK10

Charge mode

Mode 2 according to IEC EN 62752

Mode 3 when using attachment

Type 2

Weight

32A 5m variant approx. 3,50 kg

16A 5m variant approx. 2,55 kg

CE compliance

CE, UKCA & RCM compliant to

IEC EN 62752   

Operating conditions

-40° C... +70° C (standard: +45° C)

5% - 95% humidity

max. 4.000m above sea level

Dimensions (L, W, H)

216mm x 90mm x 64mm

Connection technology

Bluetooth Low Energy (BLE), WiFi;
Optional: GSM- und GNSS-interface
(GSM: EDGE, GPRS, 4G M1, 4G NB-IoT; GNSS: GPS, GLONASS, Galileo, Baidou)

Local API via Modbus TCP, JSON

Controllable acc. § 14a EnWG

