charge. fast. anywhere.



Your mobile charging unit

NRGKICK Everything your EV ever needs for charging.

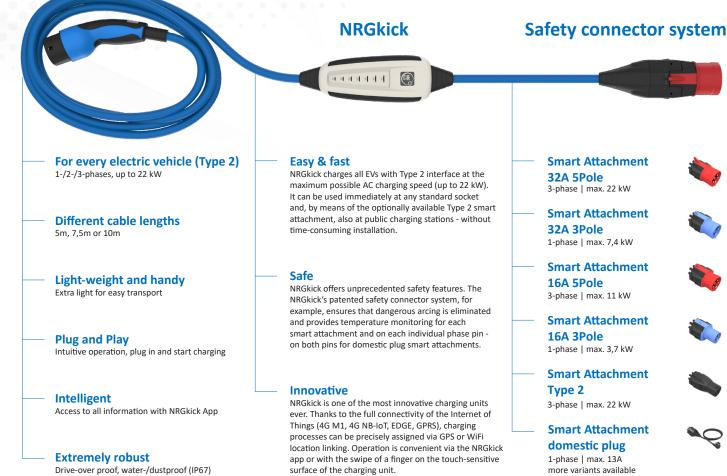
mobile charging unit for electric vehicles

Product data sheet

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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 at each smart attachment and phase pin, overheating protection, blackout protection and undervoltage protection, overvoltage protection, phase shift detection, false installation 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 Web API, NRGkick is accessible always and everywhere. Optionally, the smart charging unit offers connectivity via GSM/ GPS/SIM. The connection here is via EDGE, GPRS as well as 4G M1 and 4G NB-IoT and is thus equipped for the requirements of the Internet of Things.

Intelligent features

The variety of features makes NRGkick arguably the most intelligent charging unit on the market, which offers among others: Automatic charging reports, locally assignable charging reports via WiFi, display of charging costs, time-controlled charging, upgrade capability (e.g. photovoltaic-led charging), optional OCPP, grid-serving control option, autonomous load management, ...

Highest quality

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



Technical data

Type name NRGkick

Nominal voltage 230V/400V 50Hz

Nominal current 32A

Maximum charging power 22 kW

RCD (AC) 30mA

RCD (DC) 6mA

IP protection class

Charge mode

Mode 2 according to IEC EN 62752 Mode 3 when using smart attachment Type 2 Weight 5m variant approx. 3,86 kg

CE compliance CE compliant to CE IEC EN 62752, IEC EN 62196, IEC EN 60309

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-loT; GNSS: GPS, GLONASS, Galileo, Baidou)

