

# Niko Home Control energy starter kit with three smart plugs, side earthing, Zigbee®

552-99098

4 year warranty

The Niko Home Control energy starter kit is an easy-to-install plug-and-play package that will make your home smarter and more efficient. Connect the kit to your digital meter, and it will provide you with detailed insights into your electricity and gas consumption, as well as the production and consumption of energy from your solar panels. And thanks to the smart plugs' solar mode function, you'll also be able to use more of your own home-generated solar energy. If and when the system detects overproduction, the smart plugs will automatically turn themselves on.

The energy starter kit includes:

- The 1 x Niko Home Control wireless smart hub (552-00001)
- 3 x smart plug with side earthing, Zigbee® (552-80698)
- 1 x 5V micro USB power adapter
- 1 x Ethernet cable (2 metres)
- 1 x P1 cable (2 metres)



## Technical data

Niko Home Control energy starter kit with three smart plugs, side earthing, Zigbee®.

- Communication protocol: Zigbee® 3.0
- System compatibility: talks with Homey (Zigbee®)
- Dimensions (HxWxD): 62.25 x 312.75 x 304.5 mm
- Marking: CE

Smart plug with side earthing, Zigbee®

- standby consumption:  $\leq 0.5$  W
- maximum load: 16 A / 3680 W
- internal overcurrent protection: switches off at  $> 16$  A
- maximum range: 10 m indoor depending on building materials
- LED indicator for status and error information
- measuring precision:  $\pm 0,5$  W (1 - 5W),  $\pm 5$  % (5 - 3680 W). This device should not be used for billing purposes. The data recorded by this device should be used for information purposes only
- maximum per Niko Home Control installation: 25 smart plugs
- all plastic components are self-extinguishing (comply with a filament test of 650°C) and are halogen-free.
- not suitable for electric vehicle charging (in mode 1 or 2) nor frequent switching of heavy loads (e.g. motors or electrical heating devices without an integrated thermostat).
- system compatibility: Zigbee® 3.0, Niko Home Control II
- modification of settings: Configuration and control app Niko Home OR Niko Home Control programming software
- Compatible with the wireless bridge
- Input voltage: 230 Vac  $\pm 10$  %, 50 Hz

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- Maximum MCB rating: 16 A (limited by national installation rules)
- Communication protocol: Zigbee® 3.0
- Maximum radio frequency power: 5 dBm
- Operating frequency: 2.4 GHz
- System compatibility: talks with Homey (Zigbee®)
- Ambient temperature: 0 – +35 °C
- Protection degree: IP20-D
- Weight: 125 g
- Dimensions (HxWxD): 60 x 60 x 84 mm
- Marking: CE

#### Wireless smart hub for Niko Home Control

- Wireless communication: Zigbee 2,4 Ghz, Easywave, Easywave #, Wi-Fi
- Communication protocol 1: Niko Easywave – 868,3 MHz
- Transmission range 1: Max 30 m indoors
- Communication protocol 2: Zigbee 3.0 – 2.4 GHz
- Transmission range 2: Max 10 m indoors, with mesh networking support for longer range.
- Communication protocol 3: Niko Easywave # 869,05 MHz
- Transmission range 3: Max 30 m indoors
- Communication protocol 4: WiFi – 2.4 GHz
- Mounting: horizontal or vertical mounting on the wall (at a maximum height of 2 m)
- Maximum power consumption: 6 W
- Maximum radio frequency power: 2 dBm
- Input voltage: 5 V via micro USB port (power adapter supplied)
- Ports: RJ45 port, 100 Mbit WAN port, SMR P1 port (smart meter cable P1 RJ12 supplied)
- Compatible with the Dutch smart meter (SMR 2.2, 3,4 and 5)
- Compatible with the Belgian digital meter (Fluvius, Ores, Sibelga)
- Communication protocol: WiFi, Zigbee® 3.0, Easywave®, Easywave® #
- Weight: 148 g
- Dimensions (HxWxD): 124 x 124 x 30 mm
- Marking: CE

