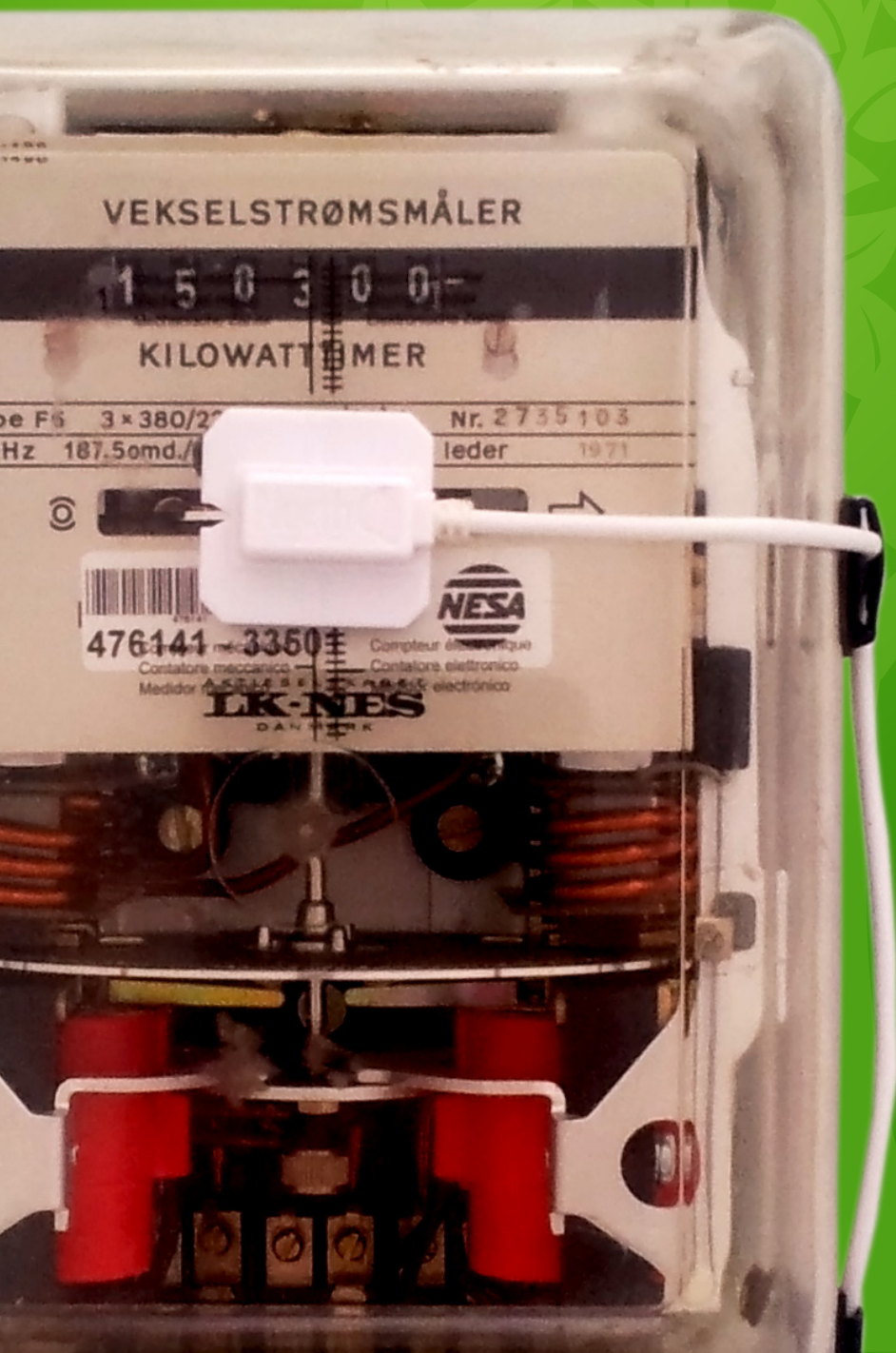


Power Reader

NQ-9021 | Product specifications



NQ-9021 Power Reader

Intro

NorthQ has developed a small Power Reader that can be easily installed on existing electronic or mechanical meters in order to visualize electricity consumption in private homes or office buildings.

Features

- Save up to 25% on your electricity bill
- keep track of your power consumption
- works with almost all meters
- Visualize current wattage consumption
- Locate power hungry appliances and eliminate standby power

Description

The NorthQ Power Reader is a small device that can be installed on old or new electricity meters. It is based on the Z-Wave wireless standard, ideal for home automation.

Electricity data is transferred to a Z-wave controller such as a NQ-900 Gateway or NQ-920 USB Stick every 15 minutes.

The NQ-9021 Power Reader is designed for mechanical and electronic meters and can work with NorthQ Gateways or other Z-Wave controllers.

OEM version is available for integration with any z-wave gateway. NorthQ provides full API support for developers.

Technical Specifications

Wireless communication

Frequency	868.42 MHz (EU)
Range	25~35 meters indoor 50~110 meters outdoor
Meters supported	Mechanical (Ferraris type) Electronic (LED) Electronic - Infrared LED
Wireless Connectivity	Z-wave

Button operation

1x	Wake-up
2x	Sleep
3x	Include mode (requires a learn mode command)
7x	Factory reset (Warning: All data will be deleted)

Requirements

Gateway	<ul style="list-style-type: none">• NorthQ NQ-900• NorthQ NQ-901• NorthQ NQ-902• Other Z-Wave gateways
USB stick	NQ-920

Extra specifications

Weatherproof	Both sensor cable and main unit
Cable length	5 meters
Storage space	about 3 months of consumption data (values every 15 min.)
Wall-mount accessories	included
Firmware update	Wireless

Certificates

Z-Wave	Certificated
CE certificates	88/387/EEC; 2004/108/EC; 2006/95/EC

Operating conditions

Operating temperature range	0 ~ 50°C
Operating Humidity range	20 ~ 90 %
Storage temperature range	-20 ~ 70 °C
Storage humidity range	15 ~ 95 %

Product size

Sensor head	28.6 x 26.6 x 9.1 mm
Main Unit	93 x 75 x 34 mm