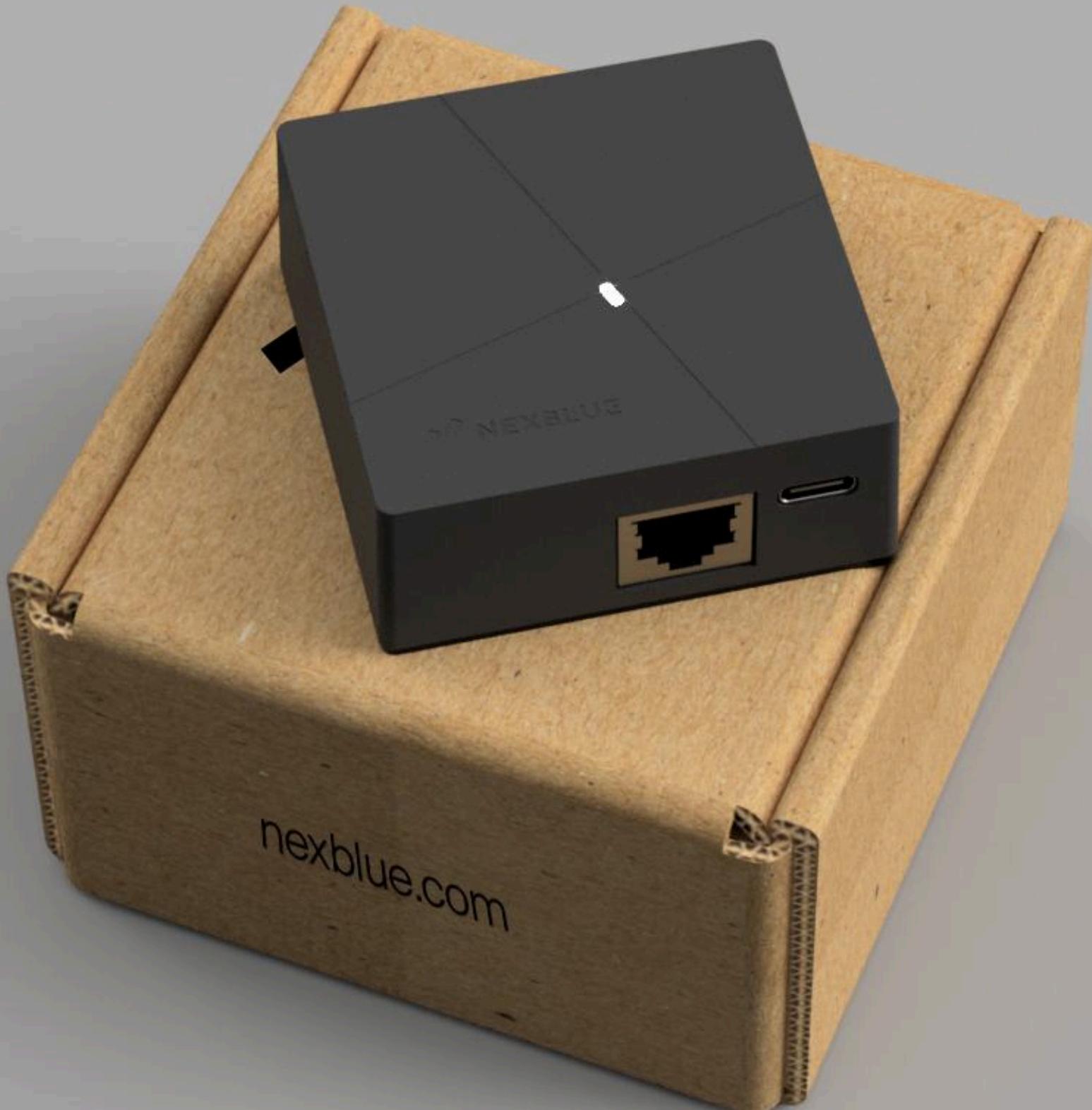




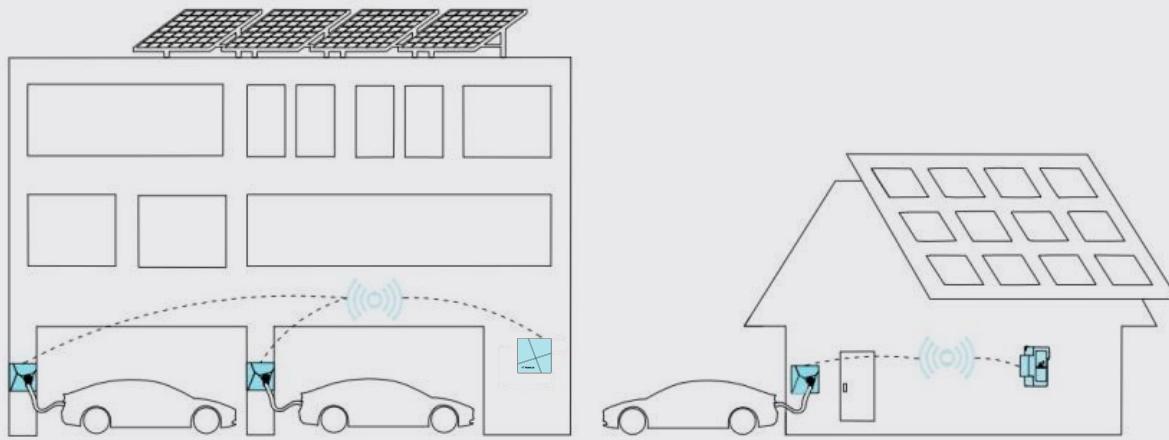
Power a Clean Future.



Product Sheet (EN) | NexBlue Zen (Smart Meter)

NexBlue Zen (Smart meter)

Load Balancer for Smart Meter Scenarios



Optimizing energy use

Efficiently monitor and optimize energy use via WiFi
 Solar Surplus Mode with auto 3-1 phase switching to access free, eco-friendly charging
 Save cost by setting up household electricity consumption limits during peak hours

Hassle-free smart charging

Uninterrupted charging with Dynamic Load Management even without network
 High penetrability through walls with Nexus RF™ (Local Radio Frequency)
 Automatic phase selection based on load distribution

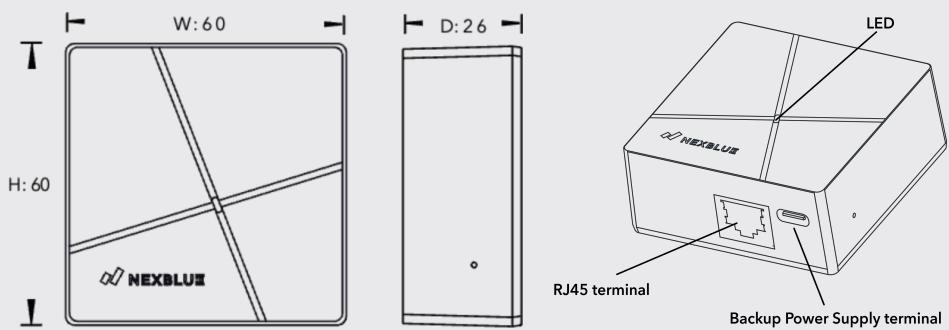
Effortless installation

- No disassembly required
- No additional APP required
- No extra power supply required
- Plug & Play connection to the smart meter
- Easily snap it to the fuse cabinet with the magnetic backing

Compact and highly compatible

- Supporting ALL smart meters with HAN/P1 port and Kamstrup OMNIPOWER® meters (no extra module needed)
- No need to occupy the DIN rail in the crowded fuse cabinet
- Nexus RF™ / Wi-Fi / Bluetooth
- Future-proof for communication with energy storage and PV panels

Dimensions



Technical Information

General

Model

SMBNA

Dimension (mm)

H: 60 x W: 60 x D: 26

Weight

57 g

Color

Black

Rated power

0.1-1.7W

Power supply

3.8-38 Vdc

Terminals

RJ45 terminal, Backup Power Supply terminal

Mounting

Magnetic backing

Warranty

3 years

Operating conditions

Operating temperature

-25°C to +50°C

Ingress protection

IP30

Relative humidity

0 - 90%

Altitude

0-2000 m

Indoor use

Yes

Regulations

EU Type Examination Certificate

(Module B) Confirming Compliant with

Article 3.1.a: Health and Safety

Article 3.1.b: EMC

Article 3.2: Effectively uses and

efficient use of radio spectrum

Connectivity

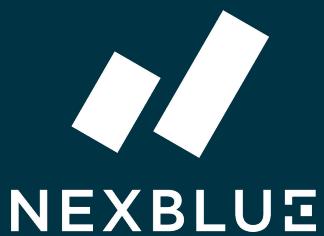
Wi-Fi

2.4 GHz 802.11b/g/n

Bluetooth

BLE 4.2

Nexus RF™



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