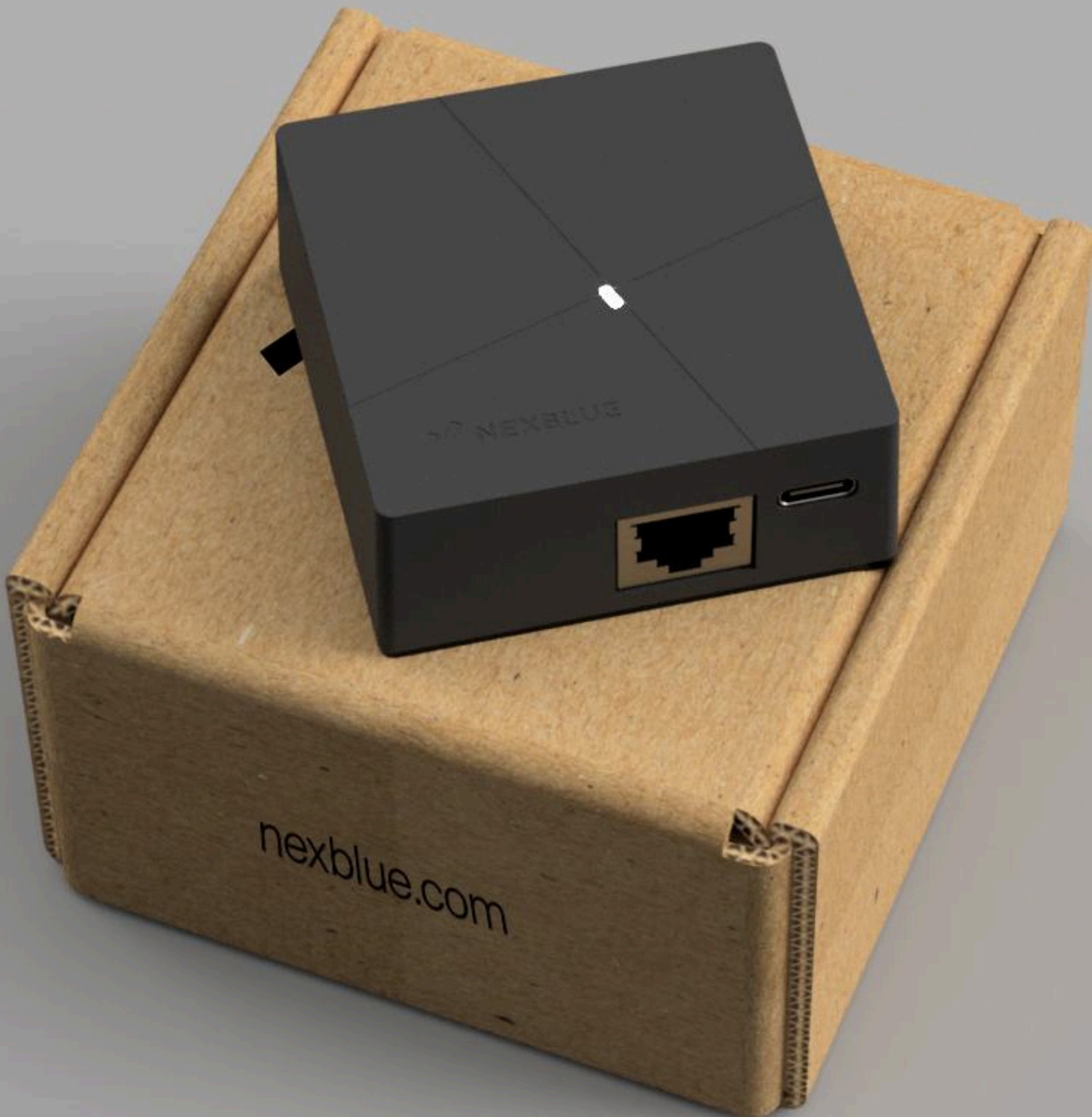


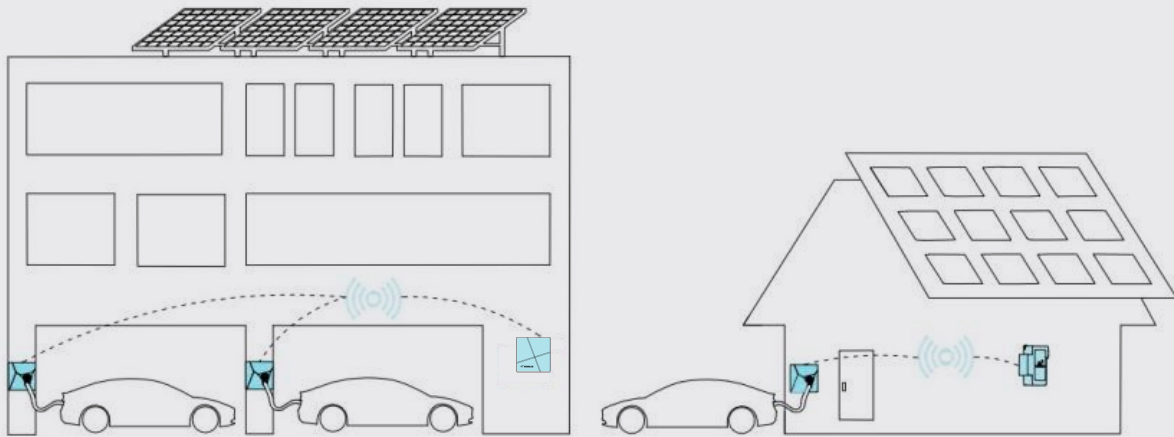


Power a Clean Future.



## 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

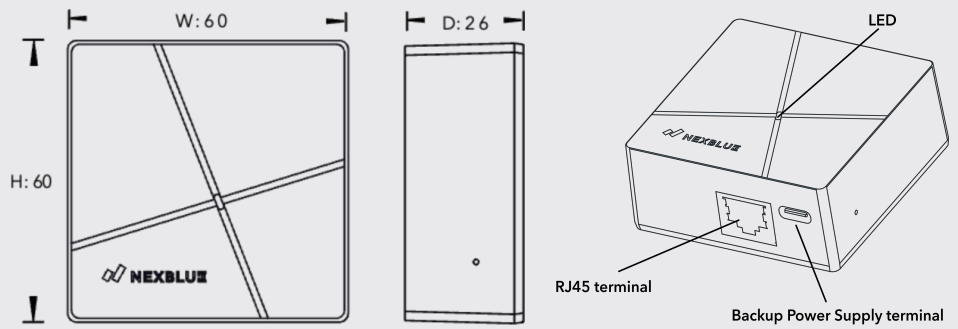
#### Effortless installation

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

### Connectivity

#### Wi-Fi

2.4 GHz 802.11b/g/n

#### Bluetooth

BLE 4.2

#### Nexus RF™

### Operating conditions

#### Operating temperature

-25°C to +50°C

#### Ingress protection

IP30

#### Relative humidity

0 - 90%

#### Altitude

0-2000 m

#### Indoor use

Yes

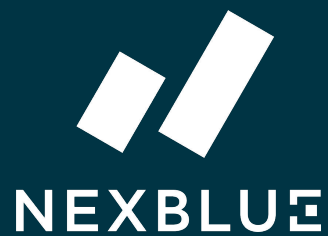
### Regulations

#### 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



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