



Power a clean future.

Product Sheet

# NexBlue Zen

(Smart Meter)



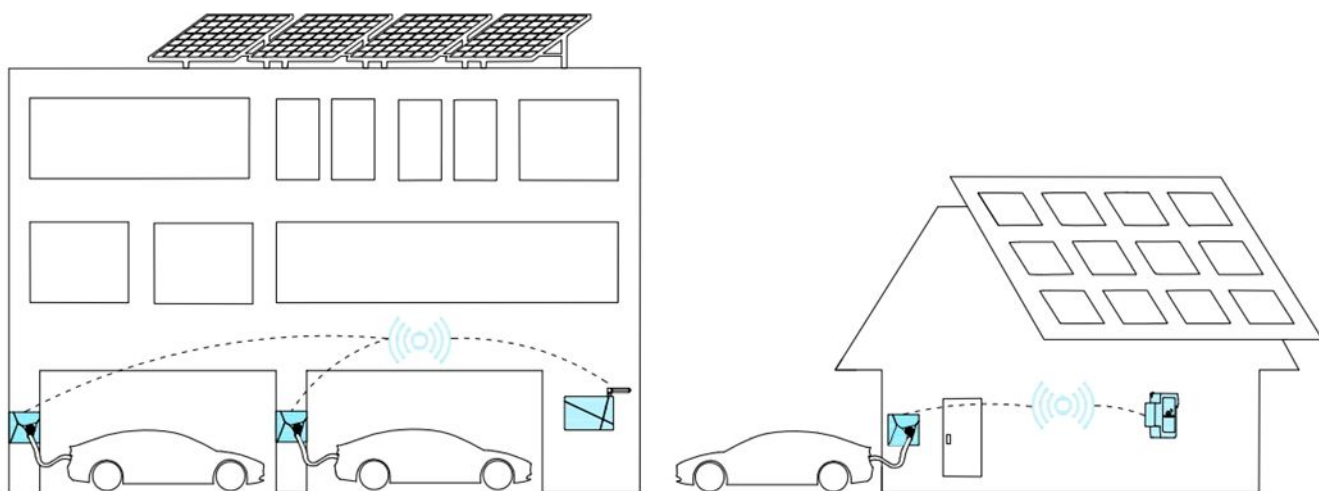
Sweden Office:  
+46 738981965  
Birger Jarlsgatan 57 C,  
113 56 Stockholm, Sweden

Norway Office:  
+47 406 01 015  
Grenseveien 21,  
4313 Sandnes, Norway

General Inquiry Email:  
[info@nexblue.com](mailto:info@nexblue.com)

# NexBlue Zen (Smart meter)

## Load Balancer for Smart Meter Scenarios



### Compact and highly compatible

- ✓ Supporting ALL Nordic 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



### 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



### Hassle-free smart charging

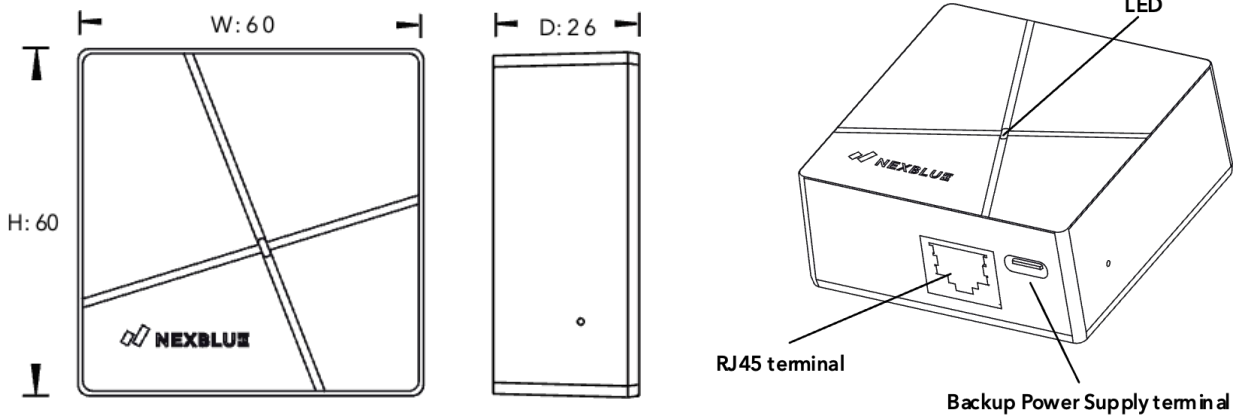
- ✓ Uninterrupted charging with DLB even without network
- ✓ High penetrability through walls with Nexus RF (Radio Frequency)
- ✓ Inter-circuit load balancing available through the Cloud in one Location
- ✓ Future-proof for communication with energy storage and PV panels



### Optimizing energy use

- ✓ Efficiently monitor and optimize energy use via WiFi
- ✓ Turn on Solar Surplus Mode to access free, Eco-friendly charging with solar panels
- ✓ Save cost by setting up household electricity consumption limits during peak hours
- ✓ Grasp real-time data from smart meter, transmit to Cloud and chargers

## 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

### Cabling

HAN Port: RJ45 to RJ45

P1 Port: RJ45 to RJ12

KM smart meter: RJ45 to 6-pin male connector

### Operating conditions

Operating temperature:

-25°C to +50°C

Ingress protection: IP40

Relative humidity: 0 - 90%

Altitude: 0-2000 m

Indoor use: Yes

### Connectivity

Wi-Fi: 2.4 GHz 802.11b/g/n

Bluetooth: BLE 4.2

Nexus RF

### 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