



Power a Clean Future.



EU Product Brochure (EN)

Domestic charging



NexBlue
Edge 2



NexBlue
Edge Max

	NexBlue Edge 2	NexBlue Edge Max
Warranty (Years)	5	5
Units per location	5	5
Nexus™ local/cloud load balancing	⦿	⦿
Nexus™ local/cloud phase balancing	⦿	⦿
Automatic phase selection based on load distribution*	⦿	⦿
Solar surplus charging with auto 3-1 phase switching*	⦿	⦿
Built-in Residual Current Protection (AC&DC)	⦿	⦿
NFC tap commission	⦿	⦿
Backplate RFID	⦿	⦿
Online pre-configuration	⦿	⦿
Backplate auto-updated via NexSync™	⦿	⦿
Ethernet	⦿	⦿
eSIM 4G CAT 1	⦿	⦿
RS-485	⦿	⦿
Load shedding	⦿	⦿
EcoPilot tariff charging	⦿	⦿
Fully ready for ISO 15118 / V2G / Plug & Charge	⦿	⦿
Local OCPP 1.6-J and 2.0.1	⦿	⦿
Proprietary APIs	⦿	⦿
Unified screw (T20)	⦿	⦿
AutoCharge	⦿	⦿
Display	○	⦿
MID-compliant	○	⦿

NexBlue Edge 2 | NexBlue Edge Max

EV Chargers for Domestic Scenarios



NexBlue Edge 2



NexBlue Edge Max

One for All, Ready for the Future

Adaptive to 1.4-22 kW charging power

All grid systems compatible: TN/TT/IT

Always online with Ethernet / WiFi / 4G eSIM

Fully ready for ISO 15118 / V2G / Plug & Charge

Compatible with Local OCPP 1.6-J and 2.0.1

Proprietary APIs for seamless integration

Safe by Design, Smart by Nature

Built to last: 5-year warranty

CE certified by TÜV Rheinland

40+ smart sensors ensure protection and safety

Dynamic local/cloud load and phase balancing*

Automatic phase selection based on load distribution*

Solar surplus charging with auto 3-1 phase switching*

Cost-Effective, Intuitive to Use

Tariff charging at the lowest cost with EcoPilot mode

Integrated with most mainstream platforms and software

Easy-to-use myNexBlue App & Portal

Track energy usage to improve consumption efficiency

View real-time charging data on OLED display**

MID-compliant for company reimbursement at home**

Fast to Install, Simple to Support

4-minute installation per charger

Instant NFC commissioning with just one tap

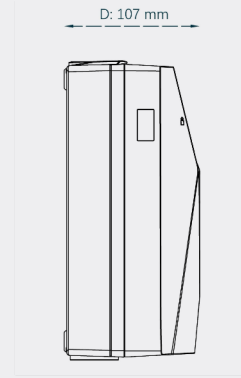
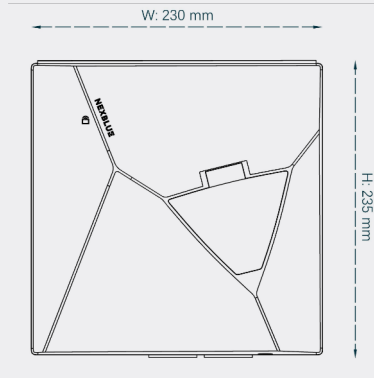
Backplate design enables quick and cost-effective installation, maintenance, and scalability

Fast replacements via RFID-enabled backplate

Remote management via NexBlue Partner App & Portal

NexBlue Edge 2

Dimensions



Technical Information

General

Dimension (mm)

H: 235 x W: 230 x D: 107

Wall Mounting (mm)

H: 206 x W: 130

Weight

2.3 kg

Operating Temperature

-30 °C to +50 °C

Storage Temperature

-40 °C to +70 °C

Working Humidity

5% to 95%

Working Altitude

< 2000 m

External Package

Carton

Warranty

5 years

Connectivity

Wi-Fi

2.4 GHz 802.11b/g/n

Built-in eSIM

4G LTE Cat 1

Ethernet

RJ45, 10M / 100M

Bluetooth

BLE 4.2

Local Radio Frequency

Nexus RF™

OCPP

Local OCPP 1.6-J & 2.0.1

ISO 15118

Ready for V2G / PnC

Other Interfaces

1 or 3 x CT clamps

Load shedding

RS-485

Charging

Charging Power

1.4 to 22 kW

Charge Connector

Type 2 Socket (IEC 62196-2)

Electronic lock with permanent lock option

Rated Current

6 A 1 phase to 32 A 3 phase

Maximum Output Current

32 A

Voltage

3 * 400 V AC / 230 V AC (±10%)

Installation Network

TN, IT or TT (auto detect)

Mains Frequency

50 Hz

Built-in Energy Meter

±1%

Load management

Up to 5 units per location

User Interface

Enclosure

Plastics

LED Indicator

Red / Green / Blue

White / Orange

RFID Reader

ISO / IEC 14443 Type A

MIFARE Classic®

Start Mode

myNexBlue APP / RFID NFC /

Plug & Play / AutoCharge

NexBlue User Portal

Protection

Built-in Residual Current Protection

RDC-DD (6 mA DC) according to IEC

62955 + 30 mA AC according to IEC

60947-2, annex M

Ingress Protection

IP54

Impact Protection

IK10

UV Resistant

Insulation Class

I

Overvoltage Category

III

EMC Level

CLASS B

Other Protection

Overload protection

Over/under voltage protection

Temperature protection

Relay welding protection

Ground fault protection

PE presence detection

CP diode presence detection

Humidity monitoring

Regulations

EU Type Examination Certificate

(Module B) Confirming Compliant with

2014/53/EU (RED) | 2014/35/EU (LVD)

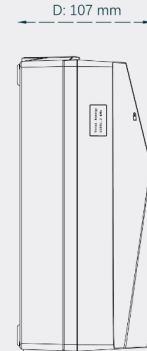
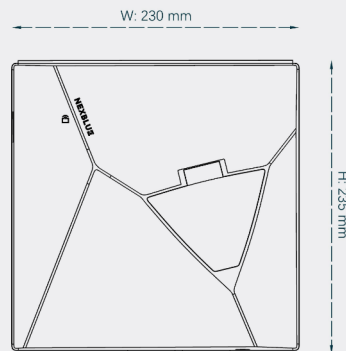
2014/30/EU (EMC) | 2011/65/EU (RoHS)

REACH Regulation (EC) No 1907/2006

See DoC for details at

<https://nexblue.com/pages/doc-declaration-of-conformity>

NexBlue Edge Max Dimensions



Technical Information

General

Dimension (mm)

H: 235 x W: 230 x D: 107

Wall Mounting (mm)

H: 206 x W: 130

Weight

2.3 kg

Operating Temperature

-30 °C to +50 °C

Storage Temperature

-40 °C to +70 °C

Working Humidity

5% to 95%

Working Altitude

< 2000 m

External Package

Carton

Warranty

5 years

Connectivity

Wi-Fi

2.4 GHz 802.11b/g/n

Built-in eSIM

4G LTE Cat 1

Ethernet

RJ45, 10M / 100M

Bluetooth

BLE 4.2

Local Radio Frequency

Nexus RF™

OCPP

Local OCPP 1.6-J & 2.0.1

ISO 15118

Ready for V2G / PnC

Other Interfaces

1 or 3 x CT clamps

Load shedding

RS-485

Charging

Charging Power

1.4 to 22 kW

Charge Connector

Type 2 Socket (IEC 62196-2)

Electronic lock with permanent lock option

Rated Current

6 A 1 phase to 32 A 3 phase

Maximum Output Current

32 A

Voltage

3 * 400 V AC / 230 V AC (±10%)

Installation Network

TN, IT or TT (auto detect)

Mains Frequency

50 Hz

Built-in Energy Meter

MID Class B ±1% (EN 50470-3: 2022)

Load management

Up to 5 units per location

User Interface

Enclosure

Plastics

LED Indicator

Red / Green / Blue

White / Orange

RFID Reader

ISO / IEC 14443 Type A

MIFARE Classic®

Start Mode

myNexBlue APP / RFID NFC /

Plug & Play / AutoCharge

NexBlue User Portal

Display

OLED screen

Protection

Built-in Residual Current Protection

RDC-DD (6 mA DC) according to IEC

62955 + 30 mA AC according to IEC

60947-2, annex M

Ingress Protection

IP54

Impact Protection

IK10

UV Resistant

Insulation Class

I

Overvoltage Category

III

EMC Level

CLASS B

Other Protection

Overload protection

Over/under voltage protection

Temperature protection

Relay welding protection

Ground fault protection

PE presence detection

CP diode presence detection

Humidity monitoring

Regulations

EU Type Examination Certificate

(Module B) Confirming Compliant with

2014/53/EU (RED) | 2014/35/EU (LVD)

2014/30/EU (EMC) | 2011/65/EU (RoHS)

EU Type Examination Certificate (Module B & Module D) Confirming Compliant with

2014/32/EU (MID)

REACH Regulation (EC) No 1907/2006

See DoC for details at

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Commercial charging



NexBlue
Delta



NexBlue
Delta Max

	NexBlue Delta	NexBlue Delta Max
Warranty (Years)	5	5
Units per location	Unlimited	Unlimited
Nexus™ local/cloud load balancing	⦿	⦿
Nexus™ local/cloud phase balancing	⦿	⦿
Local multi-level load management	⦿	⦿
Wired CT clamps	⦿	⦿
Built-in Residual Current Protection (AC&DC)	⦿	⦿
NFC tap commission	⦿	⦿
Backplate RFID	⦿	⦿
Online pre-configuration	⦿	⦿
Backplate auto-updated via NexSync™	⦿	⦿
Ethernet	⦿	⦿
eSIM 4G CAT 1	⦿	⦿
RS-485	⦿	⦿
Load shedding	⦿	⦿
EcoPilot tariff charging	⦿	⦿
Fully ready for ISO 15118 / V2G / Plug & Charge	⦿	⦿
Local OCPP 1.6-J and 2.0.1	⦿	⦿
Proprietary APIs	⦿	⦿
Unified screw (T20)	⦿	⦿
AutoCharge	⦿	⦿
Display	○	⦿
MID-compliant	○	⦿

NexBlue Delta | NexBlue Delta Max

EV Chargers for Commercial Scenarios



NexBlue Delta

One for All, Ready for the Future

Adaptive to 1.4-22 kW charging power
All grid systems compatible: TN/TT/IT
Always online with Ethernet / WiFi / 4G eSIM
Fully ready for ISO 15118 / V2G / Plug & Charge
Compatible with Local OCPP 1.6-J and 2.0.1
Proprietary APIs for seamless integration

Safe by Design, Smart by Nature

Built to last: 5-year warranty
CE certified by TÜV Rheinland
40+ smart sensors ensure protection and safety
Dynamic local/cloud load and phase balancing ensures safe, efficient, and fair charging at any scale*
Smart multi-level load management prevents overloading in complex infrastructure*

Effortless to Manage, Simple to Support

Integrated with most mainstream platforms and software
Remote management via NexBlue Partner App & Portal
Rich data insights for seamless cloud-based monitoring
Fast replacements via RFID-enabled backplate
View real-time charging data on OLED display**
MID-compliant for accurate, transparent, and regulation-ready billing**



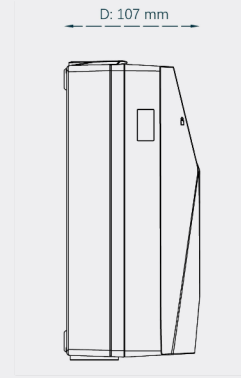
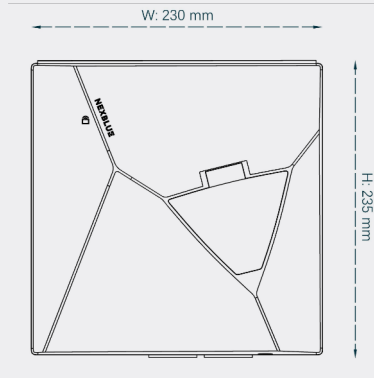
NexBlue Delta Max

Fast to Install, Easy to Scale

4-minute installation per charger
Flexible configuration: NFC tap, RFID backplate, Bluetooth, or online pre-setup
Backplate design enables quick and cost-effective installation, replacement, and unlimited scalability
NexSync™ auto-transfers updated settings to future-installed chargers locally

NexBlue Delta

Dimensions



Technical Information

General

Dimension (mm)

H: 235 x W: 230 x D: 107

Wall Mounting (mm)

H: 206 x W: 130

Weight

2.3 kg

Operating Temperature

-30 °C to +50 °C

Storage Temperature

-40 °C to +70 °C

Working Humidity

5% to 95%

Working Altitude

< 2000 m

External Package

Carton

Warranty

5 years

Connectivity

Wi-Fi

2.4 GHz 802.11b/g/n

Built-in eSIM

4G LTE Cat 1

Ethernet

RJ45, 10M / 100M

Bluetooth

BLE 4.2

Local Radio Frequency

Nexus RF™

OCPP

Local OCPP 1.6-J & 2.0.1

ISO 15118

Ready for V2G / PnC

Other Interfaces

1 or 3 x CT clamps

Load shedding

RS-485

Charging

Charging Power

1.4 to 22 kW

Charge Connector

Type 2 Socket (IEC 62196-2)

Electronic lock with permanent lock option

Rated Current

6 A 1 phase to 32 A 3 phase

Maximum Output Current

32 A

Voltage

3 * 400 V AC / 230 V AC (±10%)

Installation Network

TN, IT or TT (auto detect)

Mains Frequency

50 Hz

Built-in Energy Meter

±1%

Load management

Unlimited

User Interface

Enclosure

Plastics

LED Indicator

Red / Green / Blue

White / Orange

RFID Reader

ISO / IEC 14443 Type A

MIFARE Classic®

Start Mode

myNexBlue APP / RFID NFC /

Plug & Play / AutoCharge

NexBlue User Portal

Protection

Built-in Residual Current Protection

RDC-DD (6 mA DC) according to IEC

62955 + 30 mA AC according to IEC

60947-2, annex M

Ingress Protection

IP54

Impact Protection

IK10

UV Resistant

Insulation Class

I

Overvoltage Category

III

EMC Level

CLASS B

Other Protection

Overload protection

Over/under voltage protection

Temperature protection

Relay welding protection

Ground fault protection

PE presence detection

CP diode presence detection

Humidity monitoring

Regulations

EU Type Examination Certificate

(Module B) Confirming Compliant with

2014/53/EU (RED) | 2014/35/EU (LVD)

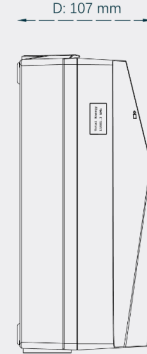
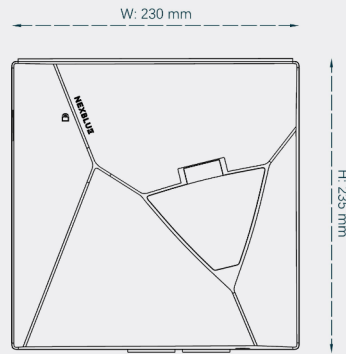
2014/30/EU (EMC) | 2011/65/EU (RoHS)

REACH Regulation (EC) No 1907/2006

See DoC for details at

<https://nexblue.com/pages/doc-declaration-of-conformity>

NexBlue Delta Max Dimensions



Technical Information

General

Dimension (mm)

H: 235 x W: 230 x D: 107

Wall Mounting (mm)

H: 206 x W: 130

Weight

2.3 kg

Operating Temperature

-30 °C to +50 °C

Storage Temperature

-40 °C to +70 °C

Working Humidity

5% to 95%

Working Altitude

< 2000 m

External Package

Carton

Warranty

5 years

Connectivity

Wi-Fi

2.4 GHz 802.11b/g/n

Built-in eSIM

4G LTE Cat 1

Ethernet

RJ45, 10M / 100M

Bluetooth

BLE 4.2

Local Radio Frequency

Nexus RF™

OCPP

Local OCPP 1.6-J & 2.0.1

ISO 15118

Ready for V2G / PnC

Other Interfaces

1 or 3 x CT clamps

Load shedding

RS-485

Charging

Charging Power

1.4 to 22 kW

Charge Connector

Type 2 Socket (IEC 62196-2)

Electronic lock with permanent lock option

Rated Current

6 A 1 phase to 32 A 3 phase

Maximum Output Current

32 A

Voltage

3 * 400 V AC / 230 V AC (±10%)

Installation Network

TN, IT or TT (auto detect)

Mains Frequency

50 Hz

Built-in Energy Meter

MID Class B ±1% (EN 50470-3: 2022)

Load management

Unlimited

User Interface

Enclosure

Plastics

LED Indicator

Red / Green / Blue

White / Orange

RFID Reader

ISO / IEC 14443 Type A

MIFARE Classic®

Start Mode

myNexBlue APP / RFID NFC /

Plug & Play / AutoCharge

NexBlue User Portal

Display

OLED screen

Protection

Built-in Residual Current Protection

RDC-DD (6 mA DC) according to IEC

62955 + 30 mA AC according to IEC

60947-2, annex M

Ingress Protection

IP54

Impact Protection

IK10

UV Resistant

Insulation Class

I

Overvoltage Category

III

EMC Level

CLASS B

Other Protection

Overload protection

Over/under voltage protection

Temperature protection

Relay welding protection

Ground fault protection

PE presence detection

CP diode presence detection

Humidity monitoring

Regulations

EU Type Examination Certificate

(Module B) Confirming Compliant with

2014/53/EU (RED) | 2014/35/EU (LVD)

2014/30/EU (EMC) | 2011/65/EU (RoHS)

EU Type Examination Certificate (Module

B & Module D) Confirming Compliant with

2014/32/EU (MID)

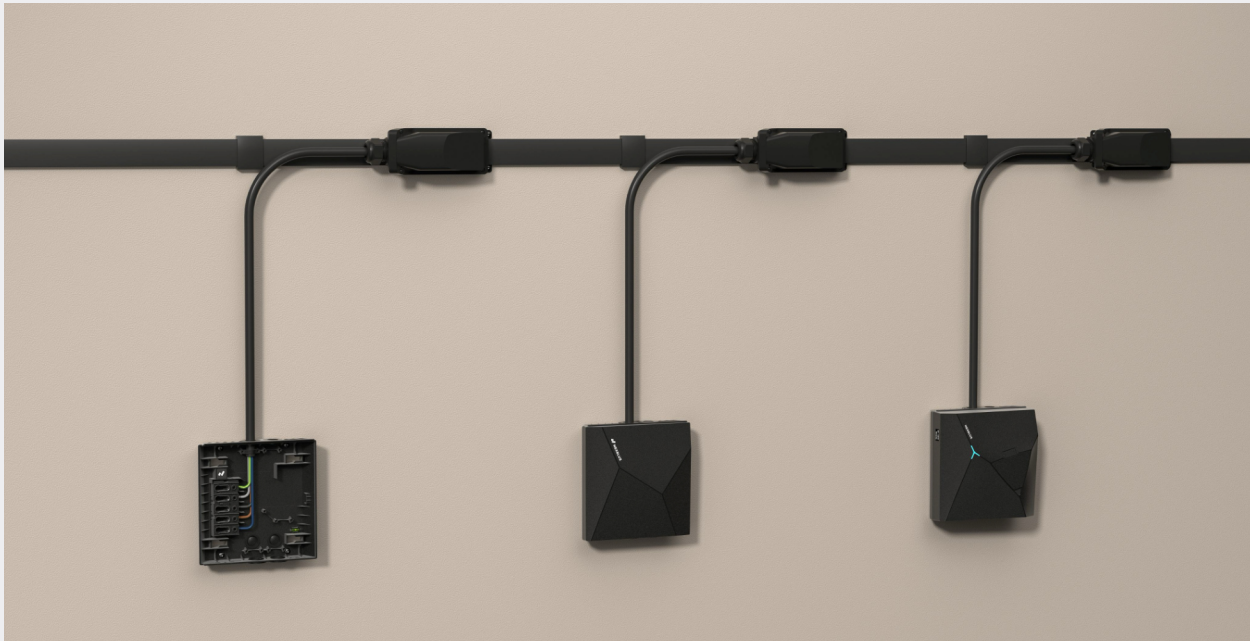
REACH Regulation (EC) No 1907/2006

See DoC for details at

<https://nexblue.com/pages/doc-declaration-of-conformity>

NexBlue Ready

Pre-installed Docking System for NexBlue chargers



Quick to Install, Prepared for Tomorrow

- Pre-installed backplate with blind cover
- Future-ready: easily scalable with NexCore charger upgrades
- Backplate RFID stores configuration data
- NexSync™ auto-transfers updated settings to future-installed chargers locally

Affordable Investment, Long-Term Gain

- Low-cost preparation of charging infrastructure
- One-time electrical installation, no rehiring needed*
- Secure parking spaces now for future revenue
- Get fund incentives with pre-installed backplates

Technical Information

General

Dimension (mm)

H: 235 x W: 230 x D: 73

Wall Mounting (mm)

H: 206 x W: 130

Color

Black

Installation kit

Included

Protection

Ingress Protection

IP44 (IP22 without blind cover)

Impact Protection

IK10

Upstream Circuit Breaker

Edge 2 / Edge Max: MAX 40A

Delta / Delta Max: MAX 63A

Instantaneous trip, maximum
75 000 A²s

UV Resistant

Charging

Charging Power

1.4 to 22 kW

Rated Current

6 A 1 phase to 32 A 3 phase

Voltage

3 * 400 V AC / 230 V AC (±10%)

Mains Frequency

50 Hz

Installation Network

TN, IT or TT (auto detect)

Regulations

Complies with

2014/35/EU (LVD) | 2011/65/EU (RoHS)

See DoC for details at

<https://nexblue.com/pages/doc-declaration-of-conformity>

Installation

Terminal torque

8 Nm

Cable strip length

12 mm

Wire cross-section

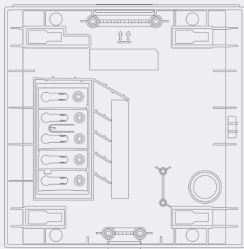
2.5 to 16 mm² (single conductors) /
2.5 to 10 mm² (parallel conductors)*

Ensure the PE conductor has an
equal or larger cross-section than
the phase wire.

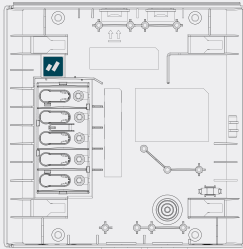
Use the largest feasible wire size to
future-proof the installation.

* Subject to local regulations

Backplate



Backplate - Legacy*



Backplate - New**

	Legacy*	New**
Cable entry: top / bottom / rear	☒	☒
Spacious interior for extra cable routing	☒	☒
Optimized thermal management	☒	☒
Unified screw (T20)	☒	☒
Top entry compatible with M25 cable glands	☐	☒
Reinforced design to minimize bending	☐	☒
Six individual cable entries	☐	☒
Middle rear entry – pedestal friendly	☐	☒
Horizontal cable guide into terminal block	☐	☒
Flat terminal for tighter wiring connections	☐	☒
Stronger seal plug prevents unintentional piercing	☐	☒
Adjustable cable clamps for various wire sizes	☐	☒
Backplate RFID stores configuration data	☐	☒
Integrated spirit level	☐	☒
IP22 certified	☐	☒
IEC EN 60309-1 compliant	☐	☒

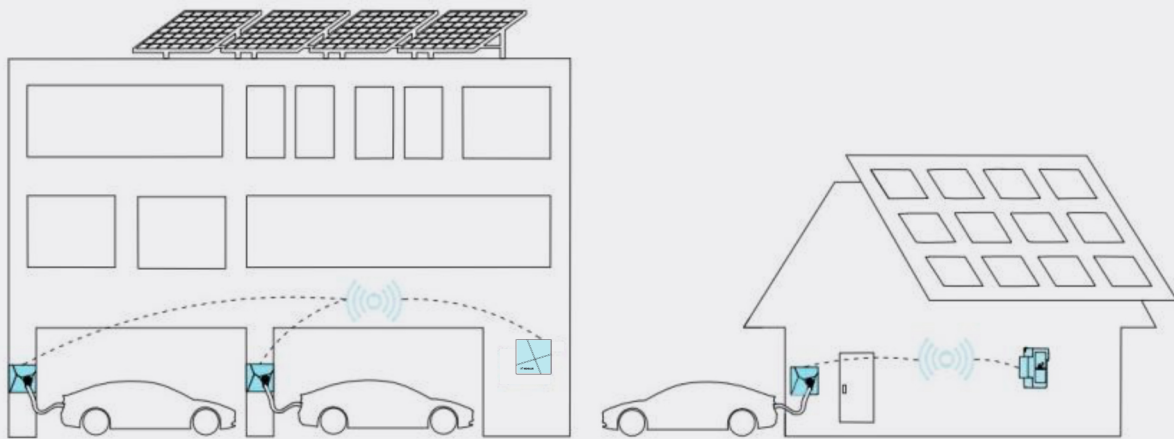
* NexBlue Edge

** NexBlue Edge 2 | NexBlue Edge Max | NexBlue Delta | NexBlue Delta Max

To ensure clear distinction, the new backplate is not compatible with the legacy version.

NexBlue Zen (Current Sensor)

Load Balancer for All Scenarios



Hassle-free smart charging

Uninterrupted charging with Dynamic Load Management even without network

High penetrability through walls with Nexus RF™ (Local Radio Frequency)

Dynamic multi-level load management—locally or in the cloud

Optimizing energy use

Grasp real-time data from CT clamps, transmit to Cloud and chargers

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

Automatic phase selection based on load distribution

Effortless installation

No disassembly required

No additional APP required

No external power adaptor required

2-minute installation with DIN rail design

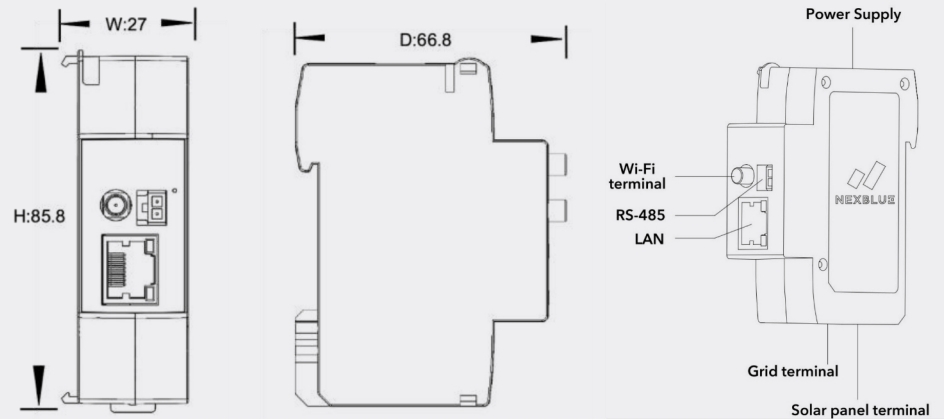
Compact and highly compatible

Nexus RF™ / Wi-Fi / Bluetooth / Ethernet

Enhanced connectivity with external & extendable antenna

With optional Rogowski Coil, current measurement up to 1500A

Dimensions



Technical Information

General

Model

CS3ANA

Dimension (mm)

H:85.8 x W: 27 x D: 66.8

Weight

95 g

Over-voltage category

OVC II

Insulation class

II

Voltage measurement range

85-264 V AC

Rated power

3 W

Current measurement range

CT clamps (included): $\pm 0 - 120$ A
(MAX cross-section: 25 mm²)

Rogowski coil (optional): $\pm 0 - 1500$ A

Power supply

85 - 264 V AC, 50Hz

Installation system

TT, IT or TN

single to three phase

Terminals

Grid terminal / Solar panel terminal /
RS-485 / LAN / Wi-Fi terminal /
Power supply terminal

Mounting

DIN rail

Warranty

3 years

Operating conditions

Operating temperature

-25°C to +55°C

Ingress protection

IP30

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™

RS-485

TIA/EIA-485A

Ethernet

ISO/IEEE 802.3u

Regulations

EU Type Examination Certificate (Module B) Confirming Compliant with

Radio Equipment Directive 2014/53/EU

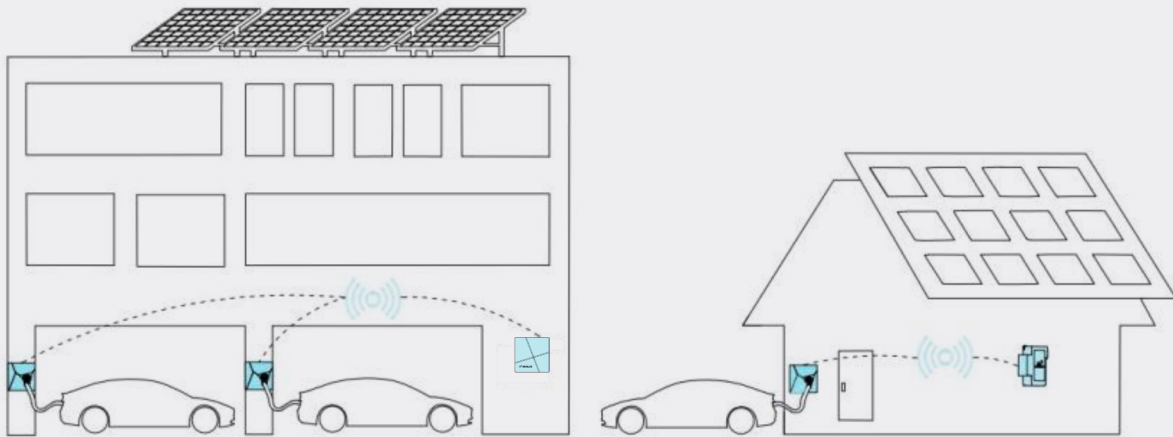
Article 3.1.a: Health and Safety

Article 3.1.b: EMC

Article 3.2: Effectively uses and
efficient use of radio spectrum

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
- 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

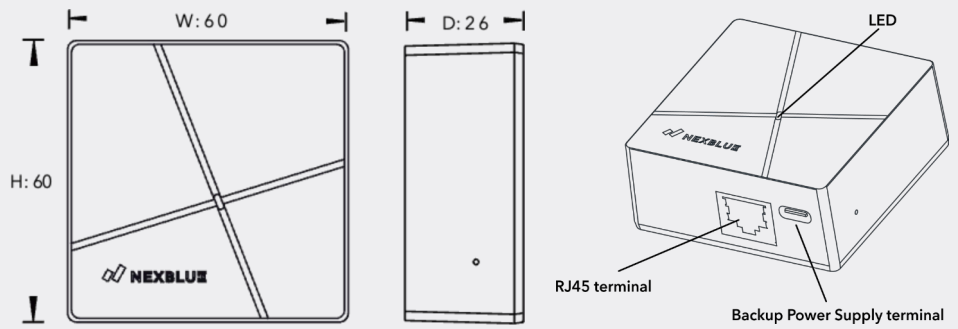
Hassle-free smart charging

- Uninterrupted charging with Dynamic Load Management even without network
- High penetrability through walls with Nexus RF™ (Local Radio Frequency)
- Future-proof for communication with energy storage and PV panels via RS-485

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

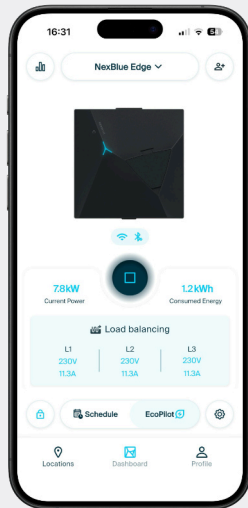
Operating temperature	-25°C to +50°C
Ingress protection	IP30
Relative humidity	0 - 90%
Altitude	0-2000 m
Indoor use	Yes

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	

Build a Smart Charging Experience

Software Designed for Users



myNexBlue App enables users to

Monitor and control your charging smartly

Seamless Local Control via Bluetooth

Schedule your charging in the most affordable and cleanest way

Track your charging statistics and history

Integrated with external service providers via local OCPP or our proprietary APIs

Share your chargers' access with your family and friends

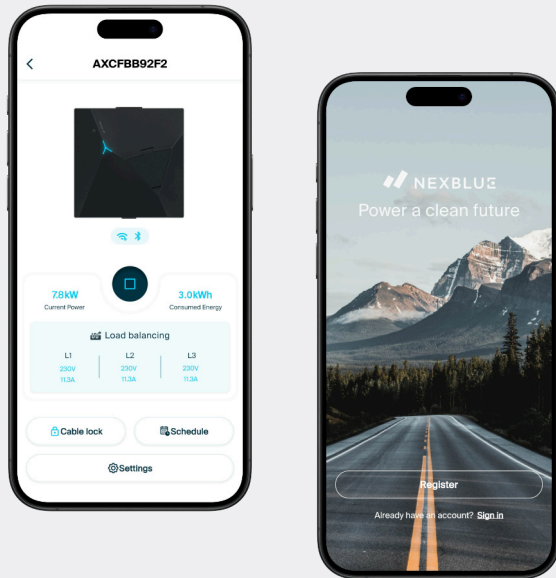
Multiple charging on/off options: Plug&Play, RFID, mobile NFC, and APP control

Online diagnosis and OTA upgrades



Build a Smart Installation Experience

Software Designed for Installers and Organizations

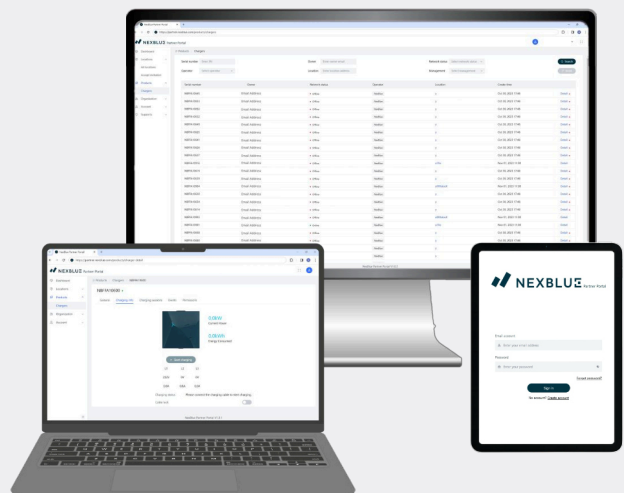


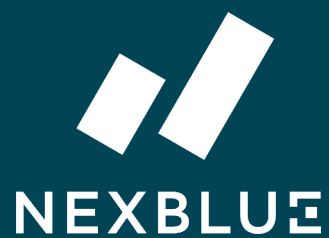
NexBlue Partner App enables installers to

- Create new installation locations or manage existing ones
- Configure new chargers
- Conduct post-configuration testing for the chargers
- Facilitate the transfer of locations to new owners
- Monitor real-time status for maintenance purposes
- Change operators as the owners' preferences

NexBlue Partner Portal enables installers and organizations to

- Oversee and monitor installation locations
- Provide real-time status monitoring and reconfiguration for installed chargers
- Visualize and export charging session essential data for after-sales support
- Facilitate pre-configurations prior to installations
- View and export charging consumption data by user, charger or RFID card
- Collaboratively manage all installations within Organization with members





Partner Ufficiale per l'Italia

