



Power a Clean Future.



Product Sheet (EN) | NexBlue Delta



## NexBlue Delta

### 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

#### Fast to Install, Easy to Scale

4-minute installation per charger

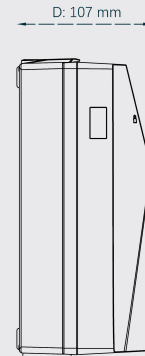
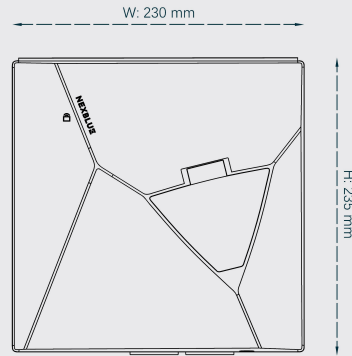
Flexible configuration: NFC tap, RFID backplate, Bluetooth, or online pre-setup

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

#### Compliant with

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

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

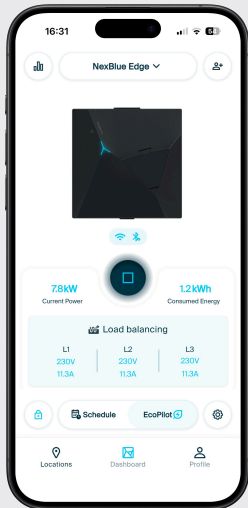
REACH Regulation (EC) No 1907/2006

#### See DoC for details at

<https://nexblue.com/pages/document-and-manuals>

## 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

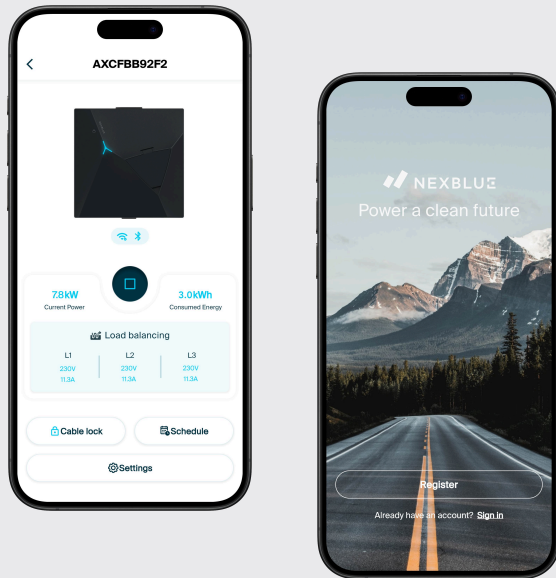
Multiple charging on/off options: Plug&Play, RFID, mobile NFC, and App control

Online diagnosis and OTA upgrades



## Build a Smart Installation Experience

Software Designed for Installers and Organizations

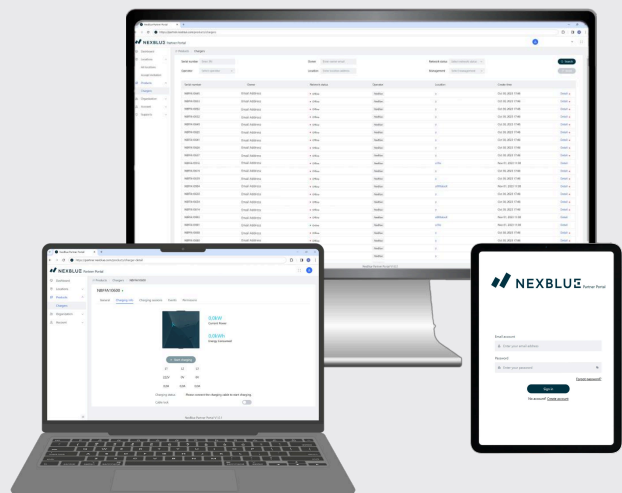


### NexBlue Partner App enables installers to

- 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



## ISO 15118, V2G and Plug & Charge

At NexBlue, we view ISO 15118 as a strategic priority, enabling both V2G (Vehicle-to-Grid) energy interaction and Plug & Charge seamless authentication. These are not just charging features, but key building blocks of the future energy ecosystem.

NexBlue chargers are designed as core nodes of a clean energy future — integrating with solar, storage, and the grid to make every EV part of a smarter, greener, more resilient energy system.

NexBlue believes ISO 15118, V2G and Plug & Charge are not only standards, but foundations of a zero-carbon future.

### Benefits

<b>Drivers</b> enjoy secure, instant authentication and payment with Plug & Charge, while V2G turns their EV into a home and grid energy resource, lowering costs and boosting independence.	<b>Utilities &amp; energy providers</b> gain flexible grid balancing and standardized billing, unlocking new business models.	<b>Fleets &amp; enterprises</b> streamline operations with automated settlement and can monetize idle energy by feeding it back to the grid.
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### Implementations

ISO 15118-3	ISO 15118-2	ISO 15118-20
Hardware Ready	AC Charging, V2G, Plug and Charge (PnC)	AC Charging, AC BPT* (V2G), Plug and Charge (PnC)

\* BPT: Bidirectional Power Transfer

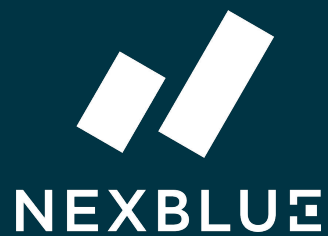
## Technical Information

### ISO 15118-2 & ISO 15118-20

<b>Application Layer</b> OSI layer 7	Application layer messages (V2G Message), SDP (SECC Discovery Protocol)	⦿
<b>Presentation Layer</b> OSI layer 6	EXI (Efficient XML Interchange)	⦿
<b>Session Layer</b> OSI layer 5	V2GTP (Vehicle-to-Grid Transfer Protocol)	⦿
<b>Transport Layer</b> OSI layer 4	UDP, TCP, TLS	⦿
<b>Network Layer</b> OSI layer 3	IP, SLAAC, DHCP	⦿

### ISO 15118-3

<b>Data link Layer</b> OSI layer 2	SLAC(Signal Level Attenuation Characterization)	⦿
<b>Physical Layer</b> OSI layer 1	PLC(Power Line Communication)	⦿



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