



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

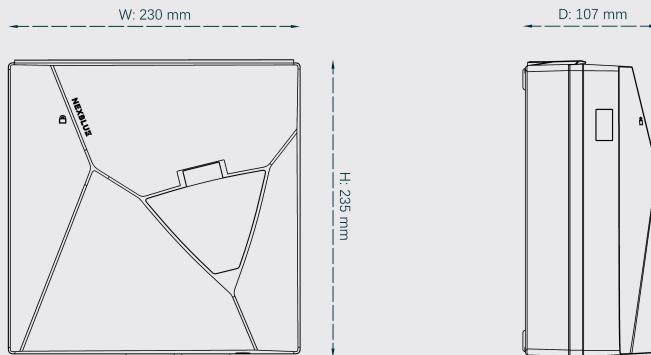
- Integrated with most mainstream platforms and software
- Remote management via NexBlue Partner App & Portal
- Rich data insights for seamless cloud-based monitoring
- Fast replacements via RFID-enabled backplate

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)

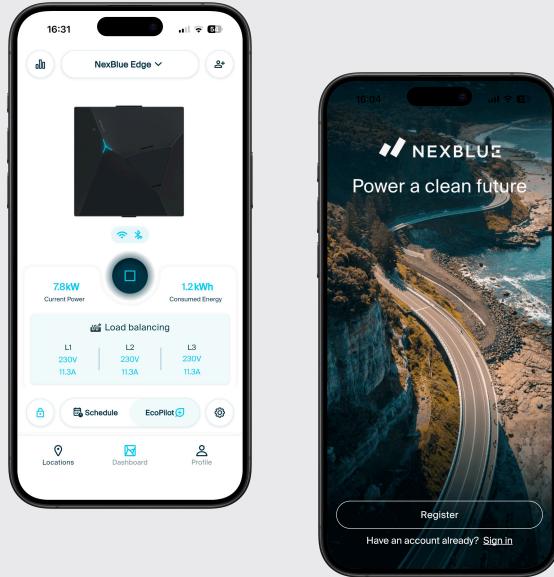
REACH Regulation (EC) No 1907/2006

See DoC for details at

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

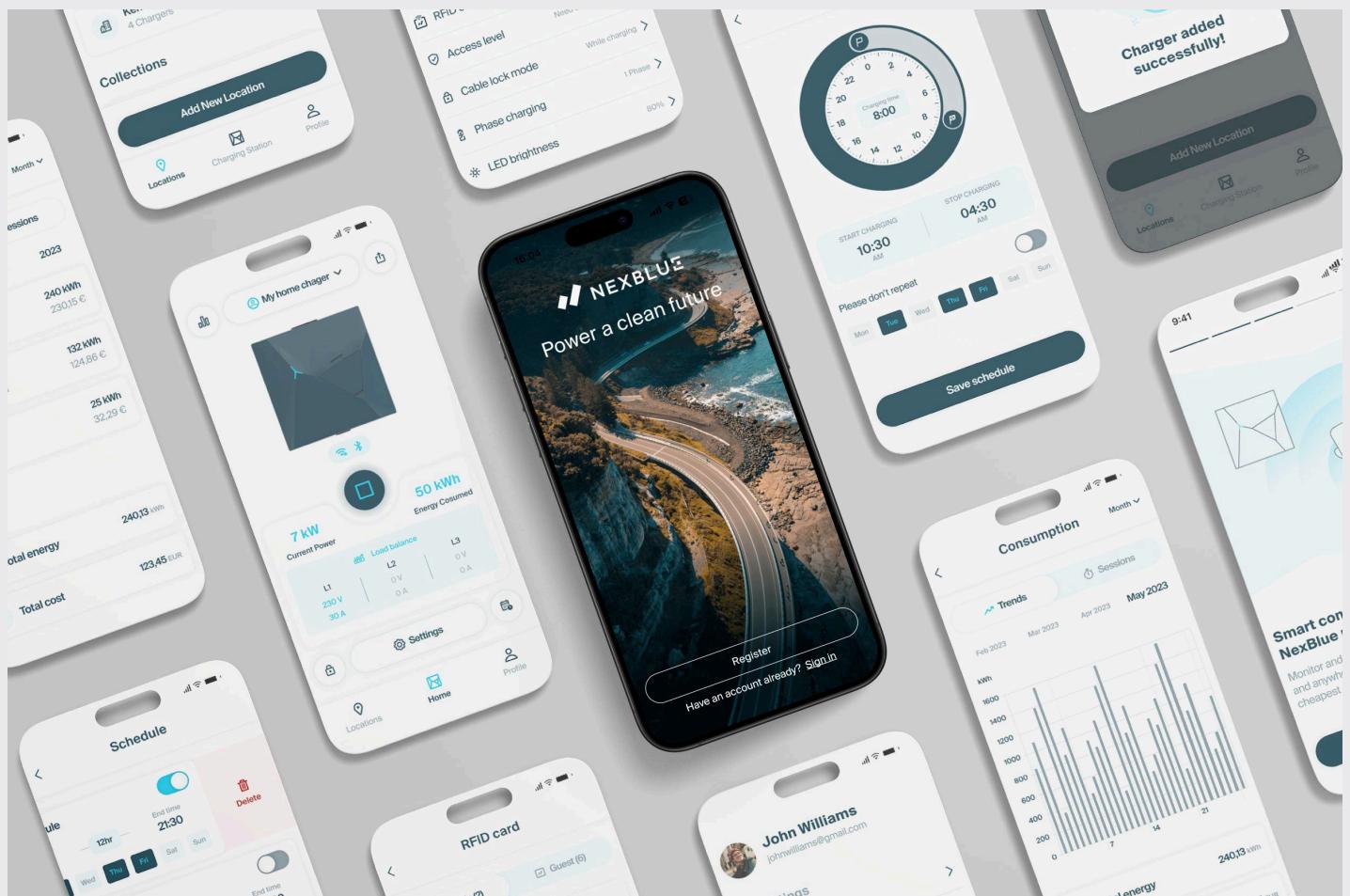
Build a Smart Charging Experience

Software Designed for Users



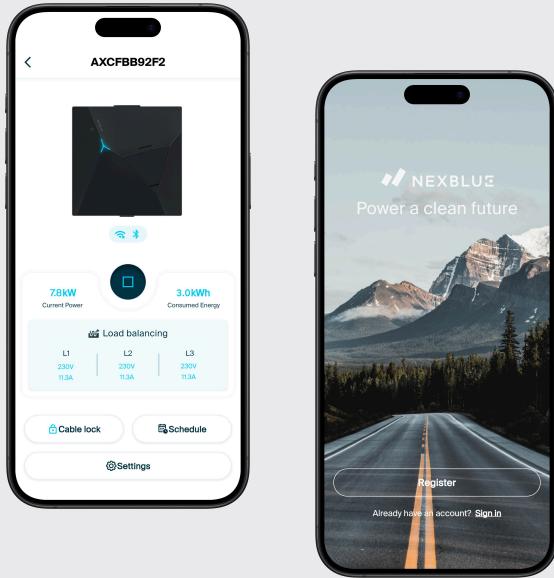
myNexBlue App enables users to

- 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

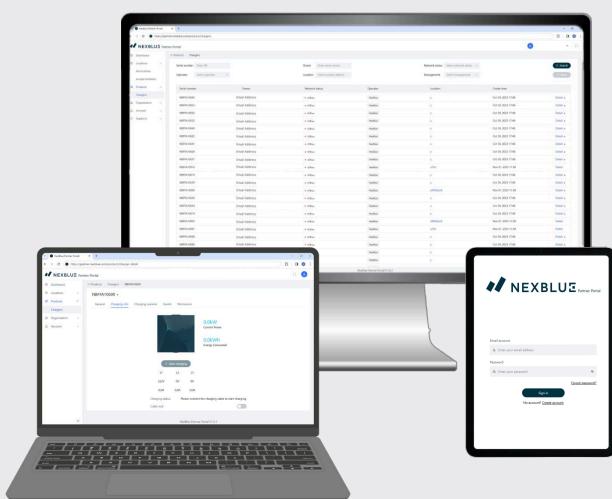


NexBlue Partner App enables installers to

- 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

Drivers 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.

Utilities & energy providers gain flexible grid balancing and standardized billing, unlocking new business models.

Fleets & enterprises streamline operations with automated settlement and can monetize idle energy by feeding it back to the grid.

Implementations

ISO 15118-3

Hardware Ready

ISO 15118-2

AC Charging, V2G, Plug and Charge (PnC)

ISO 15118-20

AC Charging, AC BPT* (V2G), Plug and Charge (PnC)

* BPT: Bidirectional Power Transfer

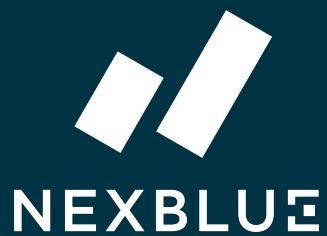
Technical Information

ISO 15118-2 & ISO 15118-20

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

ISO 15118-3

Data link Layer OSI layer 2	SLAC(Signal Level Attenuation Characterization)	●
Physical Layer OSI layer 1	PLC(Power Line Communication)	●



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