NEXBLUE

Power a clean future.

Product Sheet

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NexBlue Point (UK)

EV Charger for Domestic Scenarios

One for All and Future-oriented

- ✔ Adaptive to 1.4-7.4 kW charging power
- ✔ All grid systems compatible: TN-C-S, TN-C, TN-S, and TT
- ✔ OTA updates with WiFi / 4G eSIM / BLE
- ✔ Local OCPP 1.6-J supported

Easy Installation and Configuration

- ✔ 4-minute installation
- ✔ Back plate design enables easy installation, maintenance and scalability
- ✔ NexBlue APP & Portal provide convenient configurations

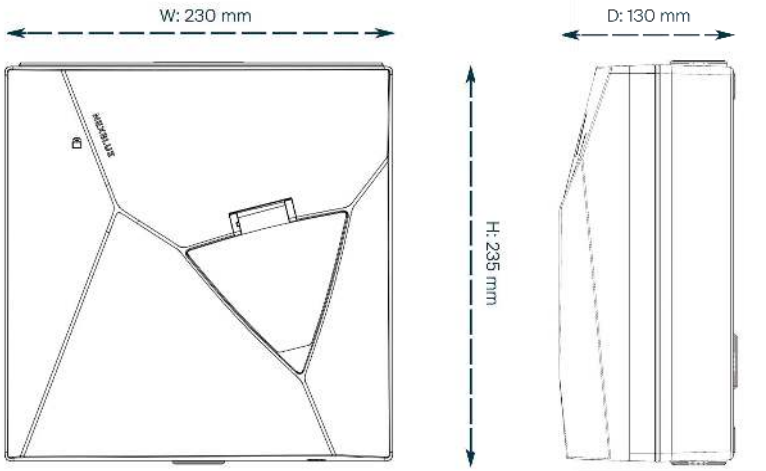
Cost Saving

- ✔ OZEV-approved for both commercial and residential grants
- ✔ Dynamic load balancing (with NexBlue Zen)
- ✔ Solar surplus charging (with NexBlue Zen)
- ✔ Low-cost charging with energy tariffs
- ✔ Schedule charging during off-peak hours

Safety and Reliability

- ✔ CE certified by leading testing agencies: SGS & TUV
- ✔ 18 smart sensors ensure protection and safety
- ✔ PEN-fault protection integrated
- ✔ Anti tamper protection

Dimensions



Technical information

General

Dimension (mm):
H: 235 x W: 230 x D: 130
Wall Mounting (mm):
H: 206 x W:130
Weight: 1.8 kg
Operating Temperature:
-30 °C to +50 °C
Storage Temperature:
-40 °C to +70 °C
Working Humidity: 5% to 80%
Working Altitude: < 2000 m
External Package: Carton
Warranty: 3 years

User Interface

Enclosure: Plastics
LED Indicator:
Red / Green / Blue / White / Orange
RFID Reader:
ISO / IEC 14443 Type A
Start Mode:
myNexBlue APP / RFID / NFC / Plug & Play / NexBlue User Portal

Connectivity

Wi-Fi: 2.4 GHz 802.11b/g/n
Built-in eSIM:
4G (LTE Cat M1) / 2G / GPRS
Nexus RF
Bluetooth: BLE 4.2
OCPP: Local OCPP 1.6-J

Protection

Built-in Residual Current Protection:
RDC-DD (6 mA DC) according to IEC 62955 + 30 mA AC*
PEN Fault protection: Integrated protection according to BS 7671:2018/A2:2022
Ingress Protection: IP54
Impact Protection: IK08
UV Resistant
Insulation Class: I
Overvoltage Category: III
EMC Level: CLASS B
Other Protection:
Overload protection
Residual current protection
Surge protection
Over/under voltage protection
Temperature protection
Relay welding protection
PE presence detection
CP diode presence detection

Charging & Power grids

Charging Power: 1.4 to 7.4 kW
Charge Connector: Type 2 Socket
Rated Current:
6 A to 32 A 1 phase
Maximum Output Current: 32 A
Voltage: 230 V AC (±10%)
Installation Network:
TN-C-S, TN-C, TN-S, and TT
Mains Frequency: 50 Hz
Built-in Energy Meter: ±2%

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)
The Electric Vehicles (Smart Charge Points) Regulations 2021
See DoC for details at
https://nexblue.com/pages/doc-declaration-of-conformity

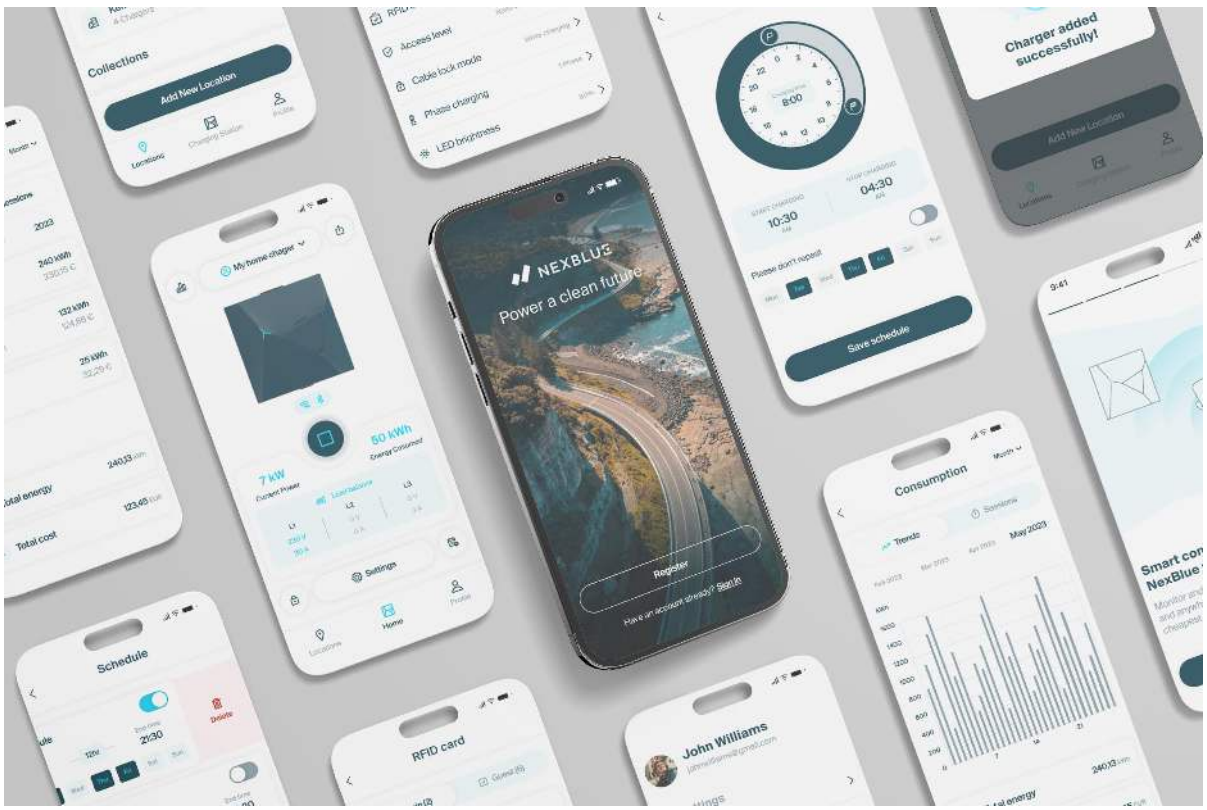
* External type A RCD is required.

Build a Smart Charging Experience

Software Design for Users

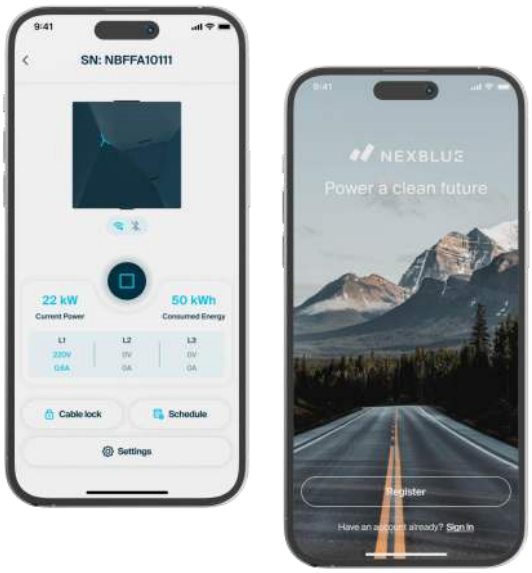
myNexBlue APP enables users to:

- ✔ 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 Smooth Installation Experience

Software Design 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
- ✔ View and export charging consumption data by user, charger or RFID card
- ✔ Manage all installations within a NexBlue Registered Organization
- ✔ Provide real-time status monitoring and reconfiguration for installed chargers
- ✔ Facilitate pre-configurations prior to installations

NEXBLUE

Website:
www.nexblue.com

For Technical Specification, please visit:
https://nexblue.com/pages/product-sheet

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