

Next-Generation EV Infrastructure

AC Charger

Smart, reliable, and future-ready EV charging solutions
ranging from 7.4kW to 22kW.

SINGLE PHASE

THREE PHASE

32A



Designed for Excellence

Every component engineered with precision to ensure your vehicle is ready when you are.



Charger Status Indicator

Intelligent LED ring provides real-time visual feedback on charging progress and system health.



Wide Compatibility

Supports all major global EV models and charging standards.



Type 2 Gun

Ergonomic connector designed for thousands of plug-in cycles.



IP54 Water Resistant

Built to withstand the harshest outdoor environments and weather.



Smart Connectivity

Integrated Wi-Fi, 4G, and Bluetooth support for remote monitoring and seamless OTA updates.

ALWAYS CONNECTED



RFID Access

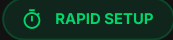
Secure authentication to prevent unauthorized energy usage.



Top-Standard 5-Year Warranty

Our intelligent O&M platform empowers our commitment to quality, backed by a comprehensive 5-year warranty.

- ✓ FULL HARDWARE COVER*
- ✓ SOFTWARE SUPPORT



Ready in 10 Minutes

Smart, fast deployment with one-click installation and streamlined commissioning. Experience a hassle-free setup.



One-Click
Simplified software sync



Streamlined
Easy mounting system



What Puts Us Ahead

- 01

Smart Control
Dynamic load balancing and scheduled charging via our dedicated mobile application.
- 02

Industrial-Grade Safety
Built-in RCD Type B, over-temperature, and surge protection for total peace of mind.
- 03

Scalable Solutions
Perfect for single homes or multi-point commercial parking infrastructure.
- 04

Future-Ready Design
Modular internals designed for easy hardware upgrades as technology evolves.

Technical Specifications

⚡

MAINS INPUT

VOLTAGE

150–270 Vac / 340–460 Vac

FREQUENCY

45–65 Hz (50/60Hz Nominal)

AC WIRING

1-Ph (L1, N, PE) / 3-Ph (L1-3, N, PE)

🔌

POWER OUTPUT

CHARGING POWER

7.4 kW / 11 kW / 22 kW

CONNECTOR

Type-2 socket (IEC 62196-2)

MAX OUTPUT

32A / 16A / 32A

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PROTECTION

RESIDUAL CURRENT

Int. 6mA DC + 30mA AC

SAFETY LAYERS

• Over/Under Voltage

• Over Current Protection

• Ground Fault Detection

• Surge Protection

• Over-temp Sensor

📶

UI & Comms

INDICATION

Dynamic RGB Strip

PROTOCOL

OCPP 1.6J / 2.0J

AUTH

RFID / Key Tag

RADIO

4G, Wi-Fi, BLE 5.0

⚙️

MECHANICAL

DIMENSIONS

106 * 180 * 295 mm

WEIGHT

1.25 / 3.6 kg

CABLE

5m Sturdy Lead

MOUNTING

Wall or Pedestal

Precision Engineering

Every detail of the BN series is crafted for maximum durability and performance. From the tactile feedback of the Type 2 connector to the ultra-responsive LED status ring, we've thought of everything.

[Learn more about our R&D →](#)



Ready to power your future?

Elevate your EV infrastructure with philbrickEV advanced BN Series technology.

CONTACT US



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