

Specifications

Technical

Electrical

- Charging power: up to 19.2kW/80A
- Voltage: Single/split phase: 208-240V,60Hz
- Connector type: Type1(SAE J1772)/NACS,25ft
- Grid frequency: 60 Hz
- Power grid: 3 Wire-L1,L2plus Earth(no neutral)
- Meter: Built-in energy meter(±1%) CTEP/NTEP certified
- DLB, ALM: Local and cloud-based DLB/ALM, up to 15 devices in no-Power Master mode, and up to 500 with Elecq Power Master

General

- Dimension: 350*233*169mm
- Weight: 4.2kg(Cable not included)
- Operating temperature: -40~50°C
- Storage temperature: -40~85°C
- Operating altitude: 4000m

Connectivity

- Cat4 LTE 4G with Built-in eSIM or standard SIM card
- WIFI 2.4G&5GHZ,802.11b/g/n/a/ac/ax
- Bluetooth
- Elecq Link
- RFID/NFC reader
- OCPP 1.6J and OCPP 2.0.1

Interaction

- 5-inch LCD touch screen with 800*480 resolution
- LED Light strip showing the status of the charger
- Sound effects and voice prompt

Safety

Protection

- Integrated overload protection according to UL2331-1
- Built-in CCID(20mA AC) for ground fault protection according to UL 2331-2
- Degree of protection: NEMA 4
- Impact resistance: IK8
- Insulation class: I
- Overvoltage category III
- Temperature sensors in all main contacts and critical components

Theft protection

- Padlock bracket for theft protection

Compliance

- UL 2594
- UL 2231-1
- UL 2231-2
- UL 1998
- NEC article 625
- CSA C22.2.NO.280

Charge More with Less



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Charge More with Less



Elecq Biz

Massive connectivity.
Stunning economy.

Benefits

- Elecq Link supports wireless self-organization network for up to 500 devices with minimal effort
- Elecq Power Master intelligently schedules and manages the energy of the grid, solar, ESS, EV charging, and other loads
- Local and cloud-based DLB/ALM, up to 15 devices in no Power Master mode, and up to 500 with Elecq Power Master
- Elecq Power Monitor avoids expensive investment in smart meter
- V2G ready(Comply with ISO 15118-20)
- WIFI connection
- Internal 20mA AC CCID
- Integrated earth fault protection
- Integrated RFID reader(NFC/ISO 14443 and MIFARE Classic®)
- Energy measurement(+/- 1%), for reading charge consumption,CTEP/NTEP certified
- OCPP 1.6J and OCPP 2.0.1 supported



19.2kW
Full of power

The charger supports high charge power up to 19.2kW. It's compatible with SAE J1772 and NACS by different cable or adapter.



-40°C~50°C
High environmental adaptability

Elecq Biz boasts outstanding adaptability to a broad temperature spectrum, delivering reliable performance even in extreme conditions.



99%
Uptime

Elecq Biz boasts highly reliable wireless communication via WIFI, 4G, and Elecq Link, offering robust remote maintenance, helping detect and resolve issues for an over 99% uptime.



500
Devices self-organizing

Elecq Biz supports self-organizing networks of up to 500 devices for large scale deployments using Elecq Link.



V2G
Ready

Elecq Biz supports V2G and comply with ISO 15118-20. And it reduces peak grid loads, offering operators additional revenue through grid demand response.

Why Choose Elecq Biz

Fast charging

- Up to 19.2kW, the fastest AC charging station in the industry.

Efficient to install, scale, setup and maintain

- Only take 10 minutes for installation by one single person. Elecq Home's modular designed with a one-click method, securing with only one screw between backplate and cover.
- Enjoying an easy scalability with Elecq's modular design, just pre-install the Backplate and Elecq Ready, and gain a 'plug-and-play' expansion in future.
- User-friendly setup with a guided flow in the Elecq App. It also supports NFC preloaded configurations, makes it a real 'plug-and-play'.
- Remotely recovered over 90% of issues through real-time alerts and sensor data uploaded by Elecq Cloud, saving maintenance costs.

Bill-saving smart

- Saving up to 30% charging expenses* by finding the cheapest charging plan based on local electricity rates and operating requirement by Elecq Cloud.
- Preventing expensive grid upgrades by balancing the power usage between charging station and other loads. And optimizing charging speed with Elecq Power Master and Elecq Power Monitor(sold separately).

*Calculated and measured by Elecq Labs

Future proof

- Elecq Biz supports V2G and comply with ISO 15118-20, charging when energy is cheapest then use it to power your site or send it back to the grid to maximize savings.
- By complying with ISO 15118 and OCPP 2.0.1, and making this technology available for customers, Elecq supports PnC and helps operators provide a more convenient and secure charging experience for drivers.
- Continuously update with new features and enhance to ensure users always enjoy a safe and future-proof product.
- Our products emphasize low-carbon environmental protection by using recyclable PC shells and energy-efficient production facilities, ensuring eco-friendliness and sustainability throughout the entire process.

Elecq Biz
Front view



Elecq Biz
Side view

