



AC EV CHARGER — COMMERCIAL SERIES

ASAC-B

7kW / 11kW / 21kW / CE certified

ASAC-B is a flexible and high cost-effective EV charger for the commercial series — one platform covering single-phase 7.4kW through three-phase 21kW, Type 1 or Type 2, wall- or stand-mounted.

21 kW

MAX POWER

32 A

OUTPUT
CURRENT

1-3_{ph}

230 / 400VAC

IP55

IK08 ·
OUTDOOR
RATED



RESIDENTIAL & COMMERCIAL

Ideal choice for residential and commercial EV charging

ENCLOSURE

IP55 rated for indoor / outdoor applications

SAFETY

Multiple protection to ensure users' safety

BACKEND PROTOCOL

OCPP 1.6 JSON — complies with the latest OCPP protocol

DESIGN

Stylish, ergonomic and customizable design

IDENTIFICATION

Optional RFID / app etc. for user identification and management

CHARGER CONNECTOR

SAE J1772 (Type 1) / IEC 62196-2 (Type 2)

MOUNTING

Optional wall-mount and stand-mount to save installation space for both indoor & outdoor applications

APPLICATIONS

Highway gas / service station

Parking garage

Commercial fleet operators

EV dealer workshops

EV infrastructure operators and service providers

7.4 kW

1-PHASE, 230VAC, 32A

11 kW

3-PHASE, 400VAC, 16A

21 kW

3-PHASE, 400VAC, 32A

POWER SPECIFICATIONS

Input connection 1-phase 1P+N+PE or 3-phase 3P+N+PE

Input voltage 230Vac $\pm 10\%$ or 400Vac $\pm 10\%$

Input current 16A or 32A

Frequency 50Hz or 60Hz

Output voltage 230Vac $\pm 10\%$ or 400Vac $\pm 10\%$

Output current 16A or 32A

Rated power 7.4kW / 11kW / 21kW

USER INTERFACE & CONTROL

LCD display 4.3" colour touch screen (optional)

User authentication RFID (ISO/IEC 14443) / app

LED indicator Green / blue / red

Charger connector IEC 62196-2 Type 2 (SAE J1772 Type 1 optional)

Energy measuring Embedded meter, 1% accuracy

COMMUNICATION

Backend Bluetooth / Wi-Fi (4G / Ethernet optional)

Backend protocol OCPP 1.6J (OCPP 2.x coming soon)

PROTECTION

Residual current Type A 30mA + DC 6mA

Electrical Over / under voltage, over current, short circuit, over temperature, lightning, ground fault, surge protection

ENVIRONMENTAL

Operating temp. -30°C to $+50^{\circ}\text{C}$

Storage temp. -40°C to $+85^{\circ}\text{C}$

Operating humidity Max. 93% RH, non-condensing

Operating altitude $\leq 2000\text{m}$

IP, IK level IP55, IK08

Cooling method Natural cooling

Mounting Wall mount or stand mount

CERTIFICATIONS

Certificate EN 61851-1 2019, IEC 62955 2018, IEC 61008-1 2010, IEC/EN 62196-1

Safety CE



CE marked to EN 61851-1 2019, IEC 62955 2018, IEC 61008-1 2010 and IEC/EN 62196-1. Test reports and declarations ship with every unit.

ORDERING & OPTIONS

Power & phase

7.4kW single-phase, or 11kW / 21kW three-phase — specify at order.

Connector & cable

Type 2 tethered cable as standard; Type 1 and socket versions on request.

Smart features

4.3" touch screen, RFID / app authentication, 4G or Ethernet connectivity.