

EV-1

Level 2 48A EV charger



Yotta's **EV-1** (Commercial EV Charger) is the **simplest** solution to commercial EV charging. It is an easy **plug & play** device that connects **seamlessly** to most EV software management platforms (OCPP) through RFID and Wi-Fi¹. Rated at **48A** but **adjustable** from 16 to 48A, it can fully charge a mid-range EV in **less** than 7 hours² at approximately 25 miles of charge per hour. It can be either wall mounted or **pedestal** mounted (sold separately).

11.5kW
MAX OUTPUT

16-48A
SELECTABLE OUTPUT



OCPP
MANAGEMENT
CAPABLE



MODEL

EVC-1 & EVC-1-WF

INPUT/OUTPUT

Rated Input Voltage	200-240V (AC) Single Phase
Rated Output Current	48A MAX (Adjustable 16/32/40/48A) / 16A Default
AC Power Frequency	60 Hz

PROTECTION

Input Protection	VP, OVP, RCD, SPD, Ground Fault Protection
Output Protection	OCP, OTP, Control Pilot Fault Protection
Output Interface	SAE J1772 AC Charging Connector
Protection Level	Type 3 / IP65

OPERATING CONDITIONS

Storage Temperature	-40°F to 158°F
Operation Temperature	-22°F to 122°F
Relative Operation Humidity	95% RH Maximum
Relative Storage Humidity	95% RH Maximum

FEATURES

RFID Authentication	LAN Version / Wi-Fi Version ³
RJ45 Cable Inlet*1	10M / 100M Base-T
Wi-Fi Function*2	802.11 b/g/n
Cable Length	18ft
Installation Type	Wall-Mounted or Pedestal (Sold separately)
Altitude	≤ 6561ft
Status Indication	Red, Green, Blue LED

*1 LAN Version or Wi-Fi Version
*2 Wi-Fi Version

¹ Not included in all models.

² Average vehicle efficiency ≈ 23.5 kWh/100 m. Average charging efficiency ≈ 90%

³ Wi-Fi Version is Optional. Not included in the base model.

- Level 2 (AC charging)
- Max Output of 48A
- Rated Power of 11.5kW
- WiFi + 4G configuration available
- Plug & Play
- Basic User Interface
- Type 1 cable
- Ideal for fleets
- IP65 Protection
- IK08 Impact Resistant
- 3-year Warranty

Ver. 3.0
April 2024