



EVIO28-32, EVIO28-40, EVIO28-50

208 / 240VAC – 32A/40A/50A

Level 2 Commercial EV Charging Station

The DynaChrg EVIO28 is a powerful and flexible AC charger designed for homes, apartments, and commercial sites. With OCPP-compliant connectivity, smart load balancing, and intuitive controls, it adapts easily as your charging needs grow.



Flexible Power Options

- Available in 32A (7kW), 40A (9.6kW), 50A (11kW) variants
- SAE J1772 connector compatible with all EVs
- Adjustable power output to match grid or site limits

Smart Connectivity & Control

- Ethernet, Wi-Fi, and 4G connectivity options
- OCPP 1.6J and 2.0.1 support for open-system integration
- Remote setup, updates and diagnostics via web portal

User-Friendly Interface

- 2.8" LCD for live charging info and quick access
- Breathing LED with custom colors for status visibility
- RFID and app-based user authentication

Effortless Installation

- Backplate system for fast wall or pedestal mounting
- Lightweight, compact form factor with simple wiring
- Designed to lower installation time and cost

Dynamic Load Balancing

- Balances charging load in real time across multiple units
- Prevents grid overload and optimizes solar/battery use
- Works well in residential or shared commercial settings

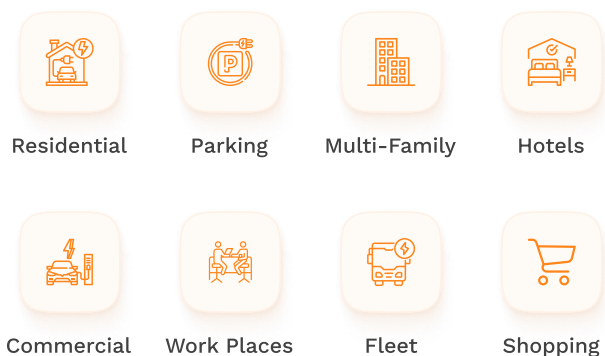
Reliable and Scalable Design

- IP55-rated enclosure for indoor and outdoor use
- Expandable to multiple units under a unified network
- Future-ready with ISO15118 Plug & Charge (upgradeable)

Dimensions



Ideal for Various Charging Scenarios



Key Benefits

- Up to 11kW output across 32A, 40A, and 50A models
- Compatible with all EVs and integrates with solar or battery systems.
- Dynamically balances load to prevent overloads and reduce energy waste
- Full OCPP 1.6J & 2.0.1 compliance for seamless CCMS integration
- IP55-rated for reliable indoor or outdoor operation
- Easily expands to manage multiple chargers in residential or commercial setups

Specifications

Power	
Voltage and Wiring	Nominal 200-240 V AC single-phase
Frequency (Hz)	50/60Hz
Current Output	32A Max, 40A Max, 50A Max
Charging Connector	Type-1 SAE j1772
RCD	Integrated, 20mA CCID
Electrical Protection	Over current, Under voltage, Over voltage, Over temperature, Surge protection, Short circuit, Ground fault
User Interface	
Network Connectivity	Ethernet, WLAN, Cellular
RFID	RFID Reader Optional- ISO 14443 A/B
Display	No Display
Charger Configuration	DIP Switch, Web Portal
User Authentication	RFID Card Reader (optional)
Network Interface	Ethernet, WLAN Cellular (optional)
Charging Protocol	OCPP 1.6J, upgradable to OCPP2.0.1
Standard & Warranty	
Safety	Tested to UL 2594:2022, UL 2231 safety standards, meets CSA C22.2 No. 280-22 requirements
Warranty	24 Months (Optional extension)
General	
Intended Use	Residential / Commercial
Buttons	1 x Physical Button
Indications	Standby(Green), Charging(Flashing Green), Fault(Red), Warning(Flash Red)
Operation Temp.	-30 °C ~ 50 °C / -22 °F ~ 122 °F
Storage Temp.	-40 °C ~ 70 °C / -40 °F ~ 158 °F
Working Humidity	5%~95% without condensation
Mounting Type	Wall Mount (default) / Floor post (optional accessory)
Enclosure Rating	Type 3R
Charging Cable Length	5m
Dimension (W x D x H)	288mm x 141mm x 380mm
Weight	6.5Kg including Packing
Mobile App	ios/Android (Optional)

Contact Us

For sales
sales@dynachrg.ai

Telephone Number
(323) 488-2092

Headquarter
26604 Agoura Rd., Calabasas, CA 91302