EV700

Smart Level 2 charging platform designed for commercial sites that need a clean user interface, access control, and dependable daily operation.

7 kW OUTPUT POWER



4.3-inch touchscreen provides on-unit interaction with clear charging status visibility.

RFID-enabled access control supports managed commercial and hospitality use cases.

Wall or pedestal mounting keeps deployment flexible across site layouts.

Single and dual configurations support a broader range of site requirements.

Non-networked operation keeps deployment simple for sites that do not need connected charger management.

Authentication features support controlled access for light-traffic commercial and destination sites.

Hospitality charging with controlled guest access

Property installs with visible user-facing hardware

Workplace and light commercial daily charging

Simple Level 2 charging for repeat-use destinations

Additional specifications and design files available upon request.

EV700 SPECIFICATION MATRIX

EV700

2023 product configuration summary for the EV700 platform, organized for quick review of deployment, access control, and Level 2 charging requirements.

MODEL EV700 / 7KW

CATEGORY / ITEM	EV700
AC INPUT	
Input Voltage	Single-phase 200-240 Vac
Input Connection	3-wire (L1, L2, GND)
AC Power Frequency	50Hz / 60Hz
Input Cable	2 ft (NEMA 6-50 or 14-50 inlet plug)
AC OUTPUT	
Maximum Output Power	7 kW
Output Current	32A (adjustable)
Vehicle Charging Connector	SAE J1772
Output Cable Length	18 ft (6 m)
MECHANICAL	
Dimensions (W x H x D)	15 × 10 × 3.5 inch
Weight	19.2 lbs
Mounting Type	Wall mount and pedestal mount
Cooling Method	Natural cooling
ENVIRONMENT	
Enclosure Rating	NEMA 3R
Operating Temperature	-22°F to +122°F (-30°C to +50°C)
USER INTERFACE & CONTROL	
Display	4.3-inch TFC-LCD touchscreen
User Authentication	RFID (ISO/IEC 14443A/B, ISO/IEC 15693, FeliCa)
Network Communication	Non-networked (Bluetooth optional)
Mobile App	Android / iOS (optional)
Firmware Update	Via EV700 App
Load Balancing	Dynamic output load sharing
Status Indication Lights	Blue, Green, and Red LED pilot ring
PROTECTION & COMPLIANCE	
Input Protection	UVP, OVP, RCD, SPD, Ground Fault Protection
Output Protection	OCP, OTP, Control Pilot Fault Protection
EMC / EMI Compliance	FCC Part 15 Class B
Safety Certification	UL - cULus: UL2594, UL2231-1/-2