

ARAI Certified EV CHARGING SOLUTIONS

Smart • Reliable • Future-Ready
AC & DC Fast Chargers (3.3 kW to 240 kW)



About Product

Our Electric Vehicle Charging platform delivers a complete range of AC and DC chargers engineered for residential, commercial, and public infrastructure. Covering 3.3 kW, 7.4 kW, 22 kW, 30 kW, 60 kW, 120 kW and 240 kW these chargers support everything from daily home charging to ultra-fast public and highway charging. Designed with advanced power electronics, OCPP 1.6/2.0.1 compatibility, intelligent load management and rugged outdoor-ready enclosures, these chargers ensure seamless performance, maximum safety and scalable deployment. Whether for apartments, offices, commercial hubs, fuel stations, or large charging networks, our EV Chargers deliver the reliability and intelligence required to power the next generation of electric mobility.

EV Charger Features

Wide Power Range:

- AC Chargers: 3.3 kW, 7.4 kW, 22 kW
- DC Fast Chargers: 30 kW, 60 kW, 120 kW, 240 kW
- Suitable for homes, apartments, commercial buildings, fuel stations and highways

Intelligent Charging Technology:

- High-efficiency conversion (up to 94% for DC chargers)
- Smart load management for optimized energy usage
- Wide DC voltage range (200–1000 V) for fast charging Evs

Multi-Connector Support:

- AC: IEC 62196 Type-2, IEC 60309 industrial socket
- DC: CCS2 with optional liquid cooling for high-power models

Advanced User Interface:

- AC Chargers: 4-inch LCD Touch Display + LED Indicators
- DC Chargers: 7-inch / 10-inch HMI Touchscreen
- Shows charging status, voltage, current, kWh, session time and faults

Smart Connectivity:

- LAN / Wi-Fi / GSM / Ethernet
- Supports OCPP 1.6 & 2.0.1 for cloud integration and network management

Secure User Authorization:

- RFID
- QR Code
- App-based authentication

Multi-Layer Protection:

- Over/Under Voltage, Overcurrent, Surge Protection, Short Circuit, Ground Leakage, Temperature Protection, Emergency Stop Button (AC + DC)

Backup Power:

- AC Chargers: Up to 1 hour battery backup
- DC Chargers: >20 minutes backup for communication & safe shutdown

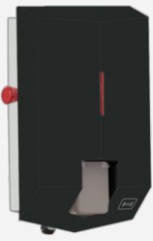




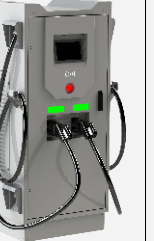
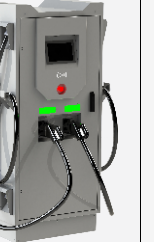
Rugged Industrial Design:

- Metal enclosure for durability
- IP67 / outdoor-ready protection
- Forced-air cooling for DC models

Smart Charging Platform – Cogency:

- Real-time monitoring
- Energy usage reports
- Remote management
- Dynamic load balancing
- Payment gateway integration
- Reservation & scheduling
- Multi-site dashboard for networks

Our Models & Technical Specifications

Specification	AC Charger (3.3 kW)	AC Charger (7.4 kW)	AC Charger (22 kW)	DC Charger (30 kW)	DC Charger (60 kW)	DC Charger (120 kW)	DC Charger (240 kW)
Images							
Power Input	230V, 16A, 50Hz, Single Phase	230V, 32A, 50Hz, Single Phase	415V, 32A, 50Hz, Three Phase	415V, 50A, 50Hz, Three Phase	415V, 98A, 50Hz, Three Phase	415V, 180A, 50Hz, Three Phase	415V, 350A, 50Hz, Three Phase
Nominal Power	3.3 kW	7.4 kW	22 kW	30 kW	60 kW	120kW	240kW
Efficiency	Not Applicable	Not Applicable	Not Applicable	94%	94%	94%	94%
Output Current	16A	32A	32A	100A	200A	400A	800A
Output Voltage	230V	230V	415V	200-1000V DC	200-1000V DC	200-1000V DC	200-1000V DC
Connector Type	16A Waterproof Socket (IEC 60309)	Type 2 (IEC 60309)	Type 2 (IEC 60309)	CCS2 (IEC 62196-3)	CCS2 (IEC 62196-3)	CCS2 (IEC 62196-3) with Liquid Cooling	CCS2 (IEC 62196-3) with Liquid Cooling
Display	None	20x4 LCD	20x4 LCD	7-inch HMI	10-inch HMI	10-inch HMI	10-inch HMI
Enclosure	Metal Sheet	Metal Sheet	Metal Sheet	Metal Sheet	Metal Sheet	Metal Sheet	Metal Sheet
Authentication	RFID, QR Code via App	RFID, QR Code via App	RFID, QR Code via App	RFID, QR Code via App	RFID, QR Code via App	RFID, QR Code via App	RFID, QR Code via App
Network Connectivity	LAN, Wi-Fi/GSM	LAN, Wi-Fi/GSM	LAN, Wi-Fi/GSM	Wi-Fi/GSM/Ethernet	Wi-Fi/GSM/Ethernet	Wi-Fi/GSM/Ethernet	Wi-Fi/GSM/Ethernet
Backup Power	1hr 15mins(Communication purpose)	1hr 15mins(Communication purpose)	1hr 15mins(Communication purpose)	20 Mins >	20 Mins >	20 Mins >	20 Mins >
Operating Temperature	Not Applicable	Not Applicable	Not Applicable	-30deg to 55deg	-30deg to 55deg	-30deg to 55deg	-30deg to 55deg
Cooling Method	Passive	Passive	Passive	Forced Cooling Fan	Forced Cooling Fan	Forced Cooling Fan	Forced Cooling Fan
Protection	Over/Under Voltage, Over Current	Same as 3.3 kW	Same as 3.3 kW	Surge, Temp, Leakage Current, Over Voltage, Over Current, Short Circuit, Insulation	Surge, Temp, Leakage Current, Over Voltage, Over Current, Short Circuit, Insulation	Surge, Temp, Leakage Current, Over Voltage, Over Current, Short Circuit, Insulation	Surge, Temp, Leakage Current, Over Voltage, Over Current, Short Circuit, Insulation
Emergency Stop Button	Available	Available	Available	Available	Available	Available	Available
Compliance	IEC 61851, IS-60309	Same as 3.3 kW	Same as 3.3 kW	IEC 61851-23, ISO 15118, DIN70121	IEC 61851-23, ISO 15118, DIN70121	IEC 61851-23, ISO 15118, DIN70121	IEC 61851-23, ISO 15118, DIN70121
Weight	6 kg	8 kg	9 kg	~58 kg	~94 kg	~143 kg	~234 kg
Use Cases	Residential	Residential, Small Commercial	Large Commercial, Industrial	Highways, Commercial, Public Spaces	Highways, Commercial, Public Spaces	Highways, Commercial, Public Spaces	Highways, Commercial, Public Spaces
Cogency Platform	Available: Web/Mobile App	Available: Web/Mobile App	Available: Web/Mobile App	Available: Web/Mobile App	Available: Web/Mobile App	Available: Web/Mobile App	Available: Web/Mobile App
Unique Features of Cogency	Real-time Monitoring, Energy Usage Reports, Remote Management, Payment Gateway Integration, Easy Onboarding	Same as 3.3 kW	Same as 3.3 kW	Multi-site Management, Dynamic Load Balancing, Payment Gateway Integration, Easy Onboarding	Multi-site Management, Dynamic Load Balancing, Payment Gateway Integration, Easy Onboarding	Multi-site Management, Dynamic Load Balancing, Payment Gateway Integration, Easy Onboarding	Multi-site Management, Dynamic Load Balancing, Payment Gateway Integration, Easy Onboarding