

ELECTRIC VEHICLE CHARGER

BUILD A SUSTAINABLE FUTURE



COMMERCIAL



RESIDENTIAL



CHARGE POINT
OPERATORS



PUBLIC SPACES



Applicable on certain
charger only*

LAKSHMI ELECTRICAL CONTROL SYSTEMS LIMITED

Arasur - Coimbatore

Welcome to your complete EV charging solution at LECS,

We are proud to be at the forefront of India's electric vehicle (EV) revolution, providing fast, reliable, and intelligent EV charging solutions powered by proven European technology. Whether you're at home, in the office, or operating a large-scale charging network, we offer a wide range of AC and DC chargers that cater to every need — from personal EVs to high-demand public and commercial charging stations.

AC CHARGERS (3.3 kW to 22 kW):

Our AC chargers are ideal for home, workplace, and light commercial use. They provide reliable, efficient charging, ensuring your vehicle is ready to go whenever you need it.

Charging Power:

- ⚡ A comprehensive range of chargers from 3.3 kW to 22 kW designed for residential, office and business use.

Compact Design:

- ⚡ Space-efficient for easy installation in both residential and commercial spaces

Smart Features:

- ⚡ Built-in diagnostics and remote management capabilities for efficient performance tracking

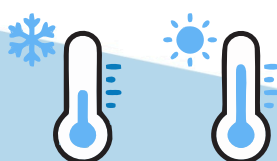
Seamless Integration:

- ⚡ Fully compatible with all standard EV models and equipped with advanced plug-and-play features.

Key Features



Advanced safety protection



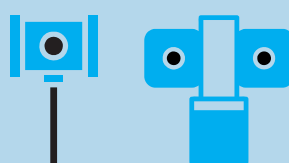
Reliable performance in extreme temperatures



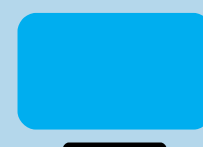
Rugged design for tough environments



OCPP Compliant



**Pole / Mount
3 mtr / 5 mtr cable for gun**



LCD display

AC Charger Product Line-up

CAPACITY	OUTPUT	APPLICATION
Portable Charger 3.3kW	Output 1 : 3.3kW Type 2 Gun	To charge E-Cars.
Portable Charger 7.4kW	Output 1 : 7.4kW Type 2 Gun	To charge E-Cars.
AC Charger 7.4kW	Output 1 : 7.4kW Type 2 Gun	To charge E-Cars.
AC Charger 10kW	Output 1: 16A socket Output 2: 16A socket Output 3: 16A socket	To charge 3 Nos of E2W/E3W simultaneously
AC Charger 11kW	Output 1: 7.4kW Type 2 Gun Output 2: 16A Socket	To charge one E-Car and one E2W/E3W simultaneously
AC Charger 15kW Dual	Output 1: 7.4kW Type 2 Gun Output 2: 7.4kW Type 2 Gun	To charge two E-Cars simultaneously
AC Charger 15kW	Output 1: 7.4kW Type 2 Gun Output 2: 15A socket Output 3: 15A Socket	To charge one E-Car and two E2W/E3W simultaneously.
AC Charger 22kW	Output : 22kW Type 2 Gun	To charge E-Cars

Application Segments



Home



Residential
Apartments



Parking Lots



Hotels & Resorts



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DC Fast Chargers (30 kW to 512 kW):

We are proud to lead India's electric vehicle (EV) revolution with fast, reliable, and intelligent EV charging solutions built on proven European technology. From home and workplace charging to large-scale public and commercial networks, our advanced range of DC chargers is designed to meet every requirement powering everything from personal EV's to high-demand charging stations.

- ⚡ Ranges from 30 kW to 512 kW.
- ⚡ Optimizes power distribution for multiple vehicles, preventing overloads and ensuring smooth operation.
- ⚡ Provides ultra-fast charging for quick vehicle turnover, ensuring maximum uptime.
- ⚡ Fully compatible with CCS2, CHAdeMO, & other global EV charging standards.
- ⚡ Designed to withstand harsh environmental conditions, perfect for both outdoor and indoor deployments.



Applicable on certain charger only*



Technical Specifications:

Parameter	60 kW	120 kW	240 kW
DC Charging capacity	60 kW	120 kW	240 kW
Max. Dc Output Current	150A	300A	600A
Dimensions (H×W×D) (Approx.)	1900×600×300	1900×500×500	Contact for dimensions
DC Plug Type (IEC 62196-3)	2 × CCS2	2 × CCS2	4 × CCS2
Grid Connection	3φ AC + N + PE (TNS)		
Input Voltage Range	415 VAC ± 10%		
Input Frequency	45 – 65 Hz		
Power Factor	> 0.99 (≥ 50% load)		
THD	≤ 5% (@ 100% load)		
Max. Dc Output Voltage	920 V DC		
Efficiency	94.5% (≥ 50% load)		
Operating Temperature	-20°C to +55°C		



CMS Communication
(Upgradable to OCCP 2.1)



Output Gun
CCS2



Display
7" Color LCD



Ingress Protection
Ip54

Protection & Safety

Protections (module)	Over/under-voltage; over-current; short circuit; over-temperature
DC-side protection	Short-circuit; over-current; over-voltage; under-voltage; insulation monitoring; PE monitoring

Mechanical & Enclosure

Enclosure type	Floor-mounted, free-standing
Enclosure features	PCS & Power dispensing systems can be fixed independently
Enclosure IP	Ip54
Enclosure IK	Ik08
Cooling	Forced air

Control System & Communication

EVSE → EV communication	PWM (low-level); PLC (high-level); DIN 70121; ISO 15118
EVSE → backend communication	OCPP 1.6J/S; OCPP 2.0; JSON/SOAP over WebSocket
Communication interfaces	Ethernet; GSM/2G/4G; GPRS; GPS
Security	TLS

User Interface & Authentication

Display	LCD/LED (optional 7"/10" TFT touchscreen)
User interface	Real-time power, energy, battery level, charging cost; custom logo
Authentication methods	RFID; NFC; credit-card; QR via smartphone app
Auto-charge	Yes

Standards & Certifications

Standards & certifications	EC 61851; DIN 70121; ISO 15118; IS 17017 ARAI Certification* / BIS Certification*
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Why LECS?

At LECS, we are committed to delivering cutting-edge technology and top-tier service to ensure your EV charging infrastructure is reliable, future-ready, and cost-effective.

Reliable Performance

Our chargers are built to last, with rugged designs that handle the toughest climates and heavy-duty use. You can depend on our solutions to work flawlessly, even in the most challenging conditions.

Scalable Solutions

Whether you're looking to install a single charger or develop a large-scale charging network, our chargers are designed to scale with your needs. Start small and grow as demand increases with modular and expandable solutions.

Seamless Integration

Our chargers are designed to integrate seamlessly with existing infrastructures, whether at home, in your business, or within public networks. With OCPP compatibility and cloud-based monitoring, you have full control over your charging stations.

Customer Support

We provide comprehensive support, from installation to troubleshooting and everything in between. Our dedicated team is available around the clock to ensure your charging infrastructure is always operating at peak performance.



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