



**TADIT Energy**

**Smart & Sustainable EV Charging  
Solutions**



## About US

We at **Thingslista Automation LLP** strive to provide cities with sustainable Electric Vehicle Charging Infrastructure that is smart, convenient & enables consumers to make the switch with ease. We lay the foundations for a future of smarter, reliable, and emission-free mobility, accessible by everyone, everywhere. We offers a total EV charging solution from compact, high quality AC wallboxes, reliable DC fast charging stations with robust connectivity to innovative on-demand electric charging systems. We deploy infrastructure that meet the needs of the next generation of smarter mobility.

## Vision & Mission

Vision is to develop world-class solutions to enable electrified mobility and to do our part in contributing to a “Greener Planet”.

Mission is to reduce the impact of global warming and to drive sustainable energy and nurture the spirit of the EV revolution one machine, one fleet, one neighborhood at a time



# Offerings

- AC/DC EV Chargers
- CSMS(Charging Station Management System)
- EVControl Mobile App




# Segments

- Single Home
- Apartments
- Hotel
- Corporate workplace
- Commercial Parkings
- Roadside/Highway
- Commercial/Industrial fleet

# Business Model

- Strategic Partnership
- Sole Ownership + Support
- Revenue sharing (10 years contract)

## Types of EV Charging

		Range	Application
<b>Level 1</b>		2 to 5 miles of range per hour	<ul style="list-style-type: none"> <li>• Single Family Homes</li> <li>• Multi-Unit Residential</li> <li>• Condos</li> </ul>
<b>Level 2</b>		10 to 30 miles of range per hour	<ul style="list-style-type: none"> <li>• Single Family Homes</li> <li>• Multi-Unit Residential</li> <li>• Workplace</li> <li>• Fleet</li> <li>• Public</li> </ul>
<b>Level 3 (Direct Current Fast)</b>		150 to 350+ miles of range per hour	<ul style="list-style-type: none"> <li>• Fleet</li> <li>• Public</li> <li>• Multi-Unit Residential</li> </ul>

# Products

## AC Chargers

- 3X3.3KW Bharat AC001
- 7.3 KW AC MINIPLUS EVSE\_DTE\_001

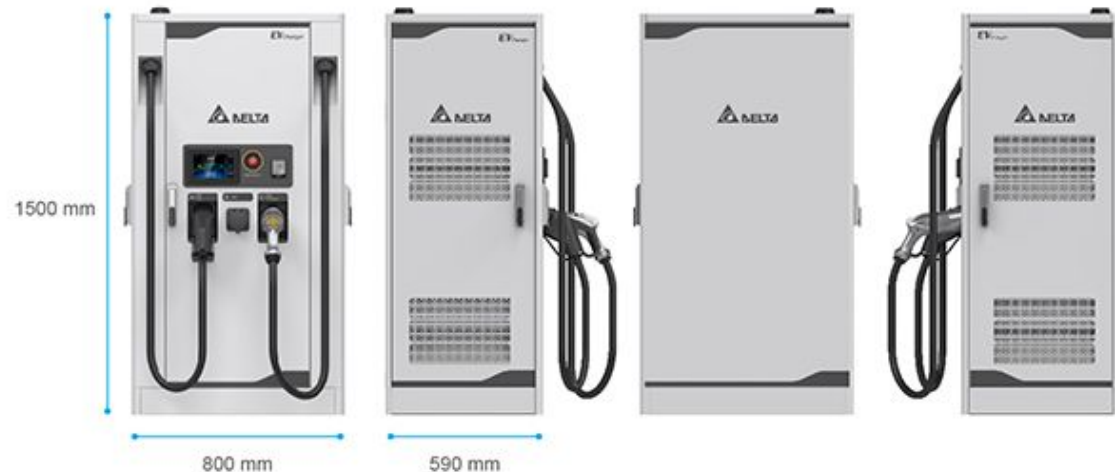
## DC Chargers

- 8KW DC WALLSET EVSE\_DTE\_WSDC001
- 15kW\_Bharat DC001
- 25KW DC WALLBOX CHARGER\_EVSE\_DTE\_001
- 30KW DC\_EVSE\_DTE\_BCP001
- 50KW-A DC City\_Dual CC
- 150KW-B\_DC Quick\_Dual CCS



## Features

- Ideal choices for residential, community, and commercial AC EV charger
- Input : 200Vac~240Vac
- Stylish, ergonomic and customizable design
- IP55 rated for indoor/outdoor applications
- Firmware updates through remote connection
- Optional wired/wireless connection for back office management
- Optional RFID card reader for user identification and management



# Why Thingslita for EV chargers?

- Delivers **energy-efficient** EV charging solutions including
  - ◆ AC EV charger
  - ◆ DC quick charger
  - ◆ OCCP based Site Management System.
- Our EV chargers offer **high-performance** power efficiency up to 94%
- Support communication functions for system integration
- Have obtained **global safety certifications** such as UL, IEC, CHAdeMO, CQC and CNS.
- The comprehensive EV charging solutions are able to fulfill the needs for various applications such as
  - ◆ parking,
  - ◆ workplace,
  - ◆ fleet,
  - ◆ residential buildings, etc.
- Installations for several applications and segments around the world.



# EV CHARGING ECOSYSTEM

Learn how the EV charging ecosystem works together to enable the best charging experience for EV drivers



**\* ROLES**

Companies can also have multiple roles e.g. a company can be an MSP or a CPO separately, and some companies act as both a CPO and MSP



# TADIT EV CHARGING USE CASES

The world of Electric Vehicle (EV) Charging is evolving rapidly to respond to the needs of different drivers, vehicles and use-cases.

## PRIVATE CARS

Regular trips with charging mainly in non-public locations e.g. home, offices, commercial areas. **Requires** policy tools for different use cases.

## TRUCKS

Destination, depot and public charging in urban areas, on major networks and across borders. **Requires** dedicated funding mechanisms, grid capacity upgrades, and open information exchange to optimise trips & to fulfil rest time obligations.

## URBAN FLEETS

Very regular trips where batteries can support 0.5 - 1 days without recharging. **Requires** space to deploy dedicated charging hub & upgrading grid connection to meet charging needs.

## TNCS/TAXIS

Very frequent, often 24h/usage of the car. **Requires** fast charging infrastructures, charging time that respects rest time & charging areas planned at municipal level with utilization by TNCs/taxis prioritized.

At the office  
(AC charger\*)

In semi-public  
locations  
e.g. carparks

At home  
(AC charger)

Normal and fast private charging infrastructure at delivery and distribution centers, and public chargers for long distance.

WELCOME



TIR

SCHOOL

CHARGING HUB

Dedicated charging hub free when needed but not always open to public (AC with some fast chargers potentially).

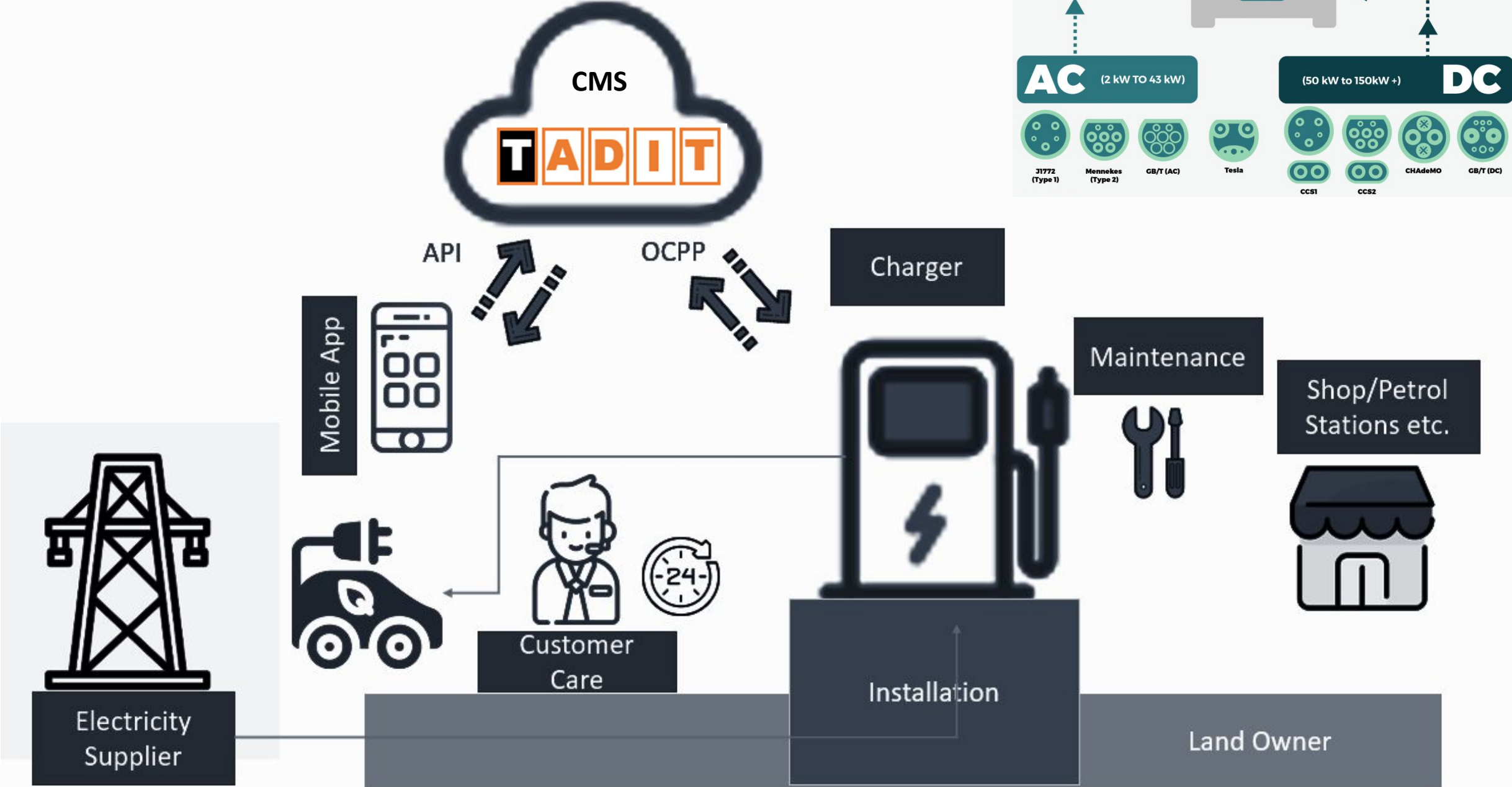
Near-home charging

Airports, train stations

CITY DOWNTOWN

\* AC charger = normal charger in comparison with DC charger standing for fast chargers.

# Components of EV Charger Installation





# How much Capital Investment Needed?



Type of Charger	Number of Chargers in the EVSE Station	Power Input	Power Output	Approx Cost excluding GST @18% (INR)	Number of EVs that can be charged simultaneously	Maximum Power sold to EVs per Day (20 hours/day assumed) kWh
<b>CAPEX</b>						
Bharat Charger AC 001	1	3 Phase 415 Volt	3 x 3.3 kW	<b>₹25,000.00</b>	1	66
Type-2 AC Charger	1		7.2 kW	<b>₹55,000.00</b>	1	144
CCS-2	1	3 Phase, 415 Volt	25 kW*	<b>₹680,000.00</b>	1	500
New Electricity Connection (50kW), LT Cabling (100 meters), Panels, Breakers, Energy Meter etc.				<b>₹400,000.00</b>		
Civil Works (Flooring, Boards, Painting, Branding, Shed/Cover etc.						
EVSE Management Software – Integration with Chargers and Payment Gateway						
CCTV Camera System						
<b>Total Capex</b>				<b>₹1,160,000.00</b>		<b>710</b>

# What is revenue generation model for EV infrastructure?

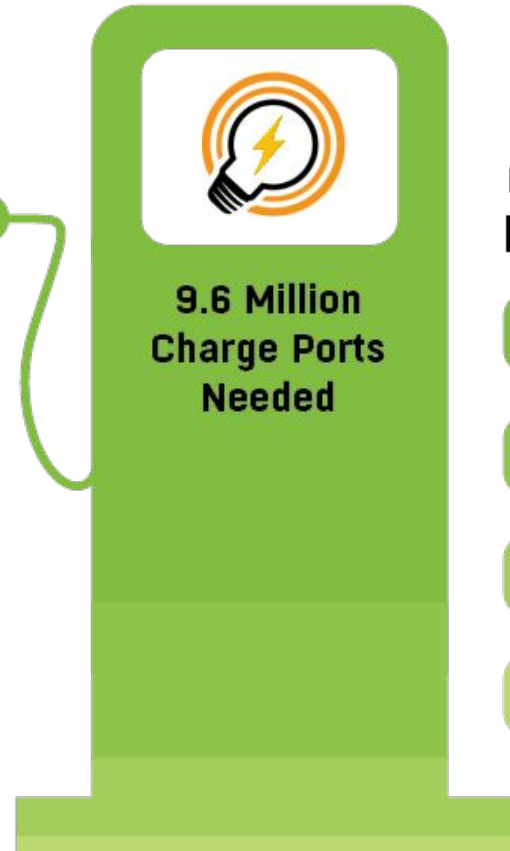
- One time **fixed** investment
- ROI in just **3 years**
- More than **400%** return on investment

EV Charger + Installation Cost (INR)	1,200,000		1,200,000							
Charger Capacity ( KW )	30	30	30	60	60	60	60			
Year	2022	2023	2024	2025	2026	2027	2028	Total Revenue (INR)	Return on Investment (%)	
Daily Usage (Hours)	2	3	5	6	7	8	12			
	Pessimistic									
Profit Margin	₹12.00	₹12.00	₹12.00	₹12.00	₹12.00	₹12.00	₹12.00			
	₹262,800.00	₹394,200.00	₹657,000.00	₹1,576,800.00	₹1,839,600.00	₹2,102,400.00	₹3,153,600.00	₹9,986,400.00	416	
	Realistic									
Profit Margin	₹16.00	₹14.00	₹12.00	₹10.00	₹10.00	₹8.00	₹8.00			
	₹350,400.00	₹459,900.00	₹657,000.00	₹1,314,000.00	₹1,533,000.00	₹1,401,600.00	₹2,102,400.00	₹7,818,300.00	326	



# What is expected in next few years for EV Infrastructure ?

It's a huge opportunity to investors



## 2030 Predictions FOR EV INFRASTRUCTURE

- 78% Home Level 2 Charging  
7,500,000 Posts
- 13% Public Level 2 Charging  
1,200,000 Posts
- 8% Public Level 2 Charging  
800,000 Posts
- 1% Public DC Fast Charging  
100,000 Posts

# Contact Us



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