



Tes Volts

Let's Charge

Investor Pitch'25

TESVOLTS PRIVATE LIMITED



Company Overview



Introduction

Teslavolts is a pioneering technology firm in the EV charging sector, driven by a commitment to sustainability and a vision of a greener future.

Our offerings encompass state-of-the-art solutions including intelligent charging controllers, advanced software, and smart algorithms for optimized EV charging, grid equilibrium, and energy management. Dedicated to empowering EV drivers, charging station operators, and enterprises, we prioritize seamless connectivity and user-centricity.

TesVolts is built upon a solid SAAS Platform.



Our Mission

To expedite the shift to electric mobility through a comprehensive and efficient charging ecosystem with innovation, dependability, and sustainability as our pillars



Our Vision

To be the leader in the transformation of the EV charging landscape, contributing to a cleaner and more sustainable planet.

India's EV space is at a nascent stage



400,000 charging stations

India needs **charging stations** to meet the requirement for **2 Million EVs** by 2026

Source: www.businessstoday.in

12,146 PCS

The number of **Public charging stations (PCS)** in India at present



At the recently concluded COP26, India has pledged to reduce its **carbon emissions** to

net zero by 2070

Source: livemint.com



Electric vehicles sold until 2030 can cumulatively save **474 Million tons of oil** equivalent over their lifetime, worth

USD 207.33 Billion

Source: www.india-briefing.com

Even with this growing demand, major challenges still exist...



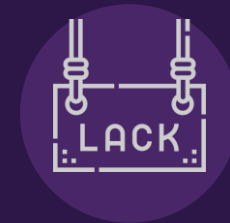
Basic EV Chargers

Many installations use outdated, low-capacity chargers, limiting charging speed and accessibility



No Grid Optimization

Charging stations often lack integration with smart grid technology, leading to inefficient energy use.



Lack of EV Network

Insufficient coverage of charging stations results in range anxiety and limits EV adoption.



Real-time status

Lack of real-time status updates creates user frustration and uncertainty about charger availability.



Limited tech Development

Slow advancement in charging technology restricts improvements in speed, efficiency, and user experience.



Inefficient Energy Management

Poor energy distribution and scheduling lead to increased operational costs and energy waste.



Lack of Connectivity

Insufficient integration between chargers, networks, & user applications hinders seamless charging experiences.



High Development cost

The initial investment for charging infrastructure is prohibitively high for many developers.



Battery Degradation

Frequent rapid charging can accelerate battery wear, diminishing EV lifespan and performance.



Lack of maintenance

Inadequate maintenance leads to downtime, reducing charger availability and user trust.



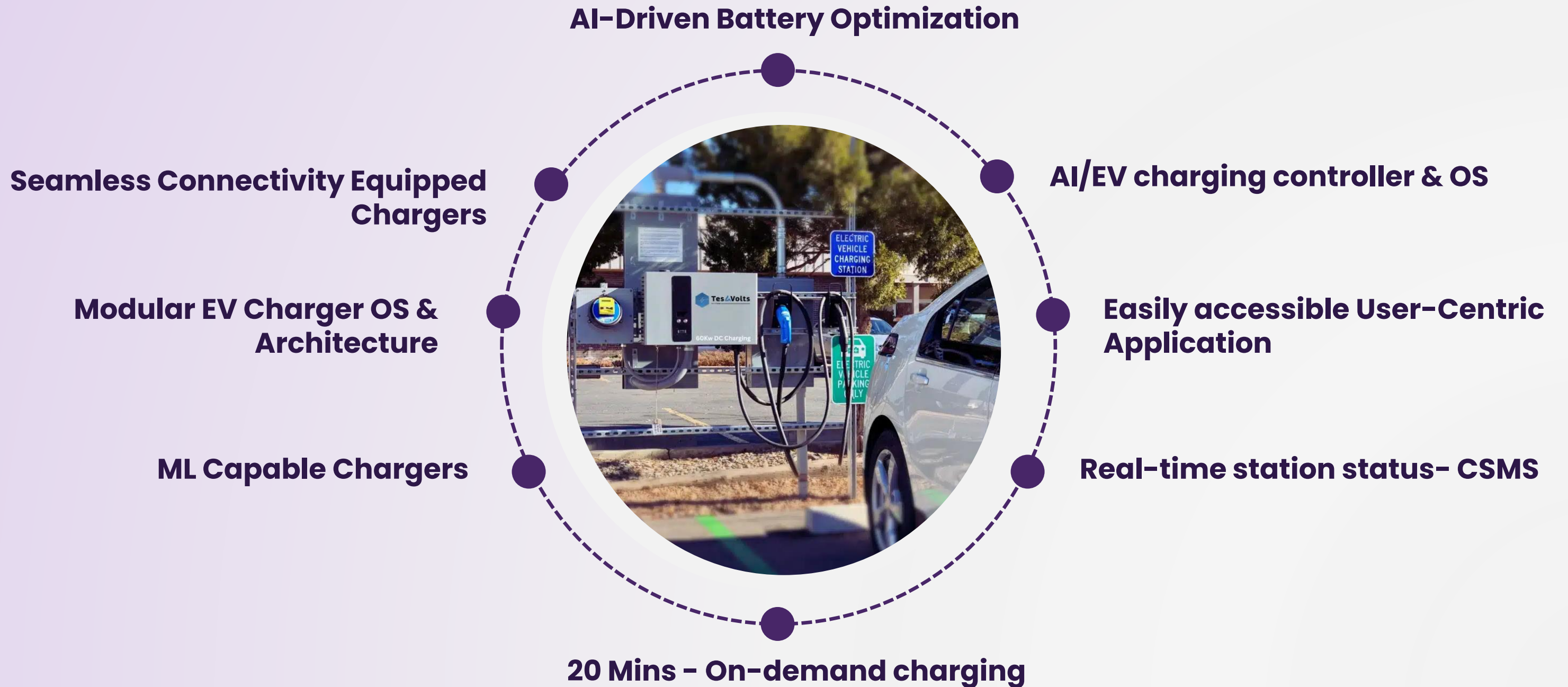
Lack of Research & Development

Insufficient research and development hinders innovation in charging technology & efficiency improvements.

How would it be if we could provide
**HyperFast 20 Mins Charging &
Advanced Electric Vehicle
Charging**
Infrastructure with multiple offerings?

TESVOLTS is thrilled to provide HyperFast EV charging Solutions

Solution Statements





EV Hardware Development & Innovation:



AI-INTELLIGENT CHARGING & COMMUNICATION CONTROLLER

Teslavolts IC³ Controller, an innovative, first-of-its-kind EV charging solution with an AI/ML-powered OS. It excels in managing battery degradation, ensuring optimal lifespan and performance.

With real-time communication and advanced grid management, it seamlessly integrates renewable energy sources, providing a sustainable charging experience.

The IC³ Controller's modular design allows for easy upgrades, future-proofing your infrastructure while maintaining cost-efficiency and scalability. Experience the future of EV charging with Teslavolts IC³ Controller.



PowerVault 141 – High-Power On-Demand (141kW)



AC 22Kw Type2 – Mobile Charger IC3 Integrated ML Logics Final Assembly and Testing



Controller Board Testing for Chargers

Our EV Charging Hardware!

20 Min HyperFast
Charger – 161kW



DC- 40 – 240kw
Fast Charger -
IC3 - Integrated



AC22Kw - Display
Charger - IC3 OS
Based



AC 3.3Kw
Socket Type



AC 7.8Kw Type2 EV
Charger

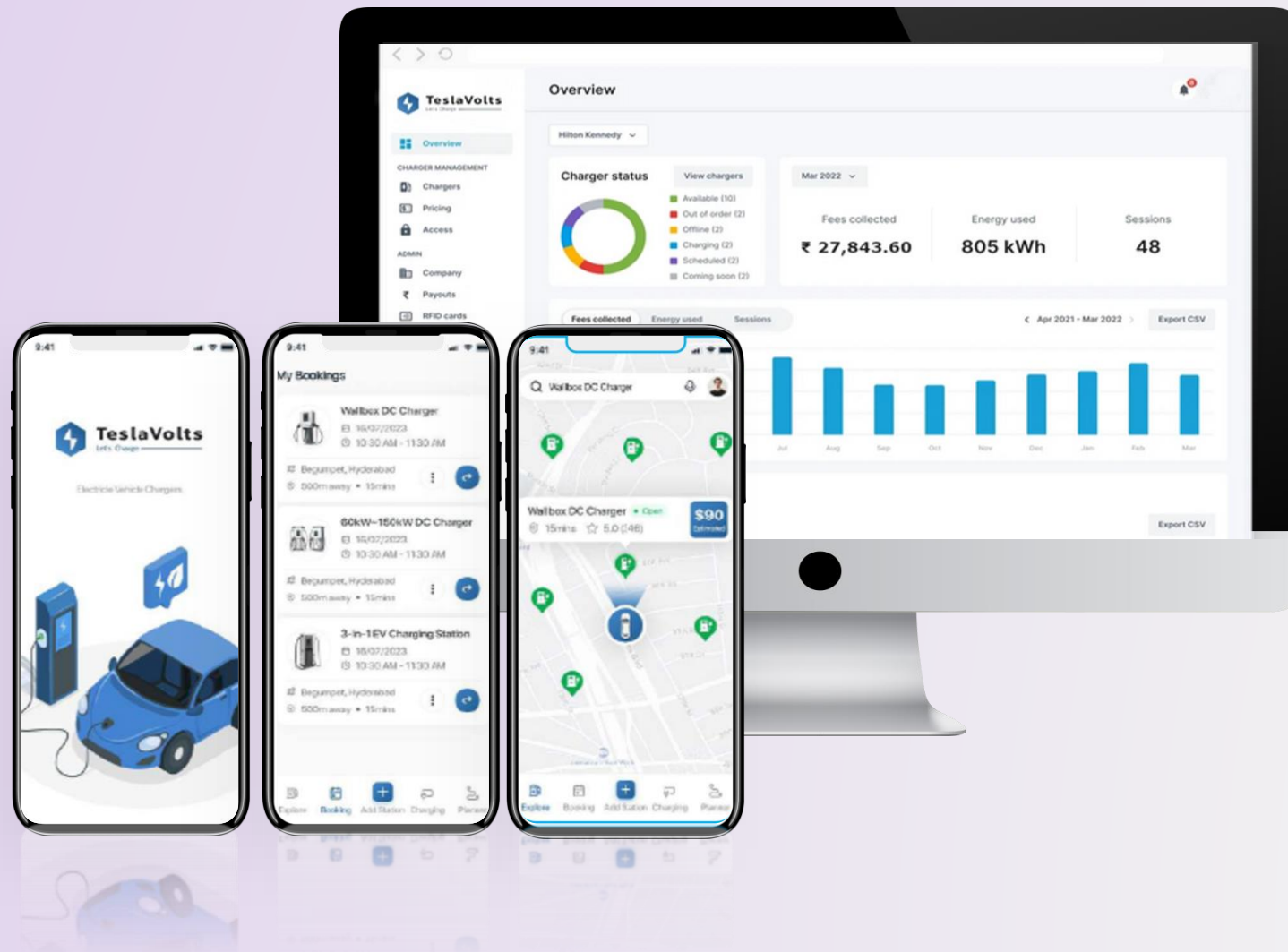


Our EV Charging Software



Upgrade Your EV Charging Infrastructure with Our Innovative Software Solutions:

- **Charging Station Management:**
- **Fleet Charging**
- **User App**
- **Billing Management**
- **API & Load Management**
- **Centralized Control**
- **Dynamic Load Management**
- **AI/ML Driven Charging**
- **Scalable Platform**
- **Remote Monitoring**
- **Data Driven Insights**
- **Driver Friendly Interface**
- **Grid Optimized Operations**
- **Remote Diagnostics**
- **Interoperability**
- **Optimized Battery Charging**

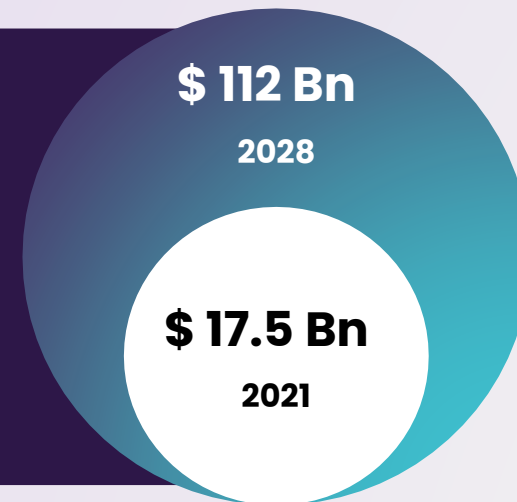


An Electrified Market Opportunity awaits us!

Global Electric Vehicle Charging Stations Market

CAGR: 30.26%

Source: fortunebusinessinsights.com



Electric car charge points soar to **7.3 million chargers**,

60% growth in public chargers

Source: electrek.co

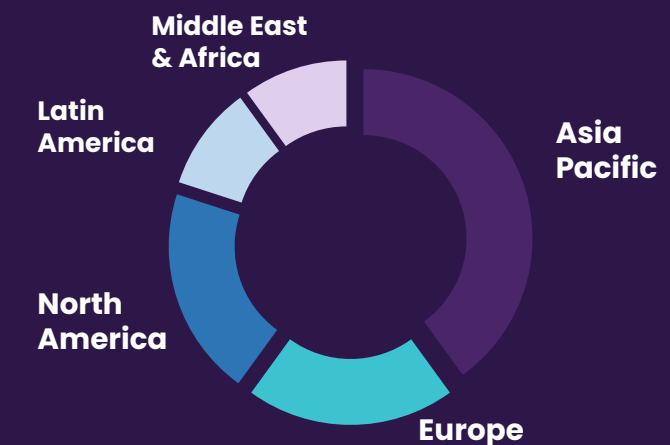
↑ The rising demand for **zero-emission transport** will **boost** the demand for electric vehicle charging stations in the Market.

Source: marketsandmarkets.com

Electric Vehicles Charging Station Market share, By region, 2020 (%)



Source: Precedence Research



Indian Markets are fully Charged Up!

The Government of India has set a target to electrify

70%

of all commercial vehicles

30%

of Private Car

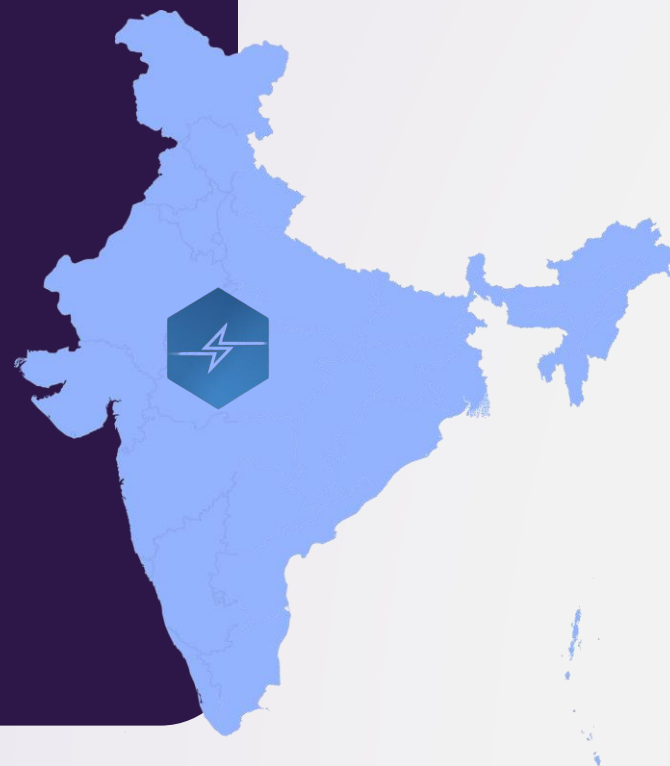
80%

of two-wheeler and three-wheeler sales by 2030.

40%

of Buses

Source:jmkresearch.com



India Electric Vehicle Charging Station market size is projected to grow at a

CAGR of 41.2% during 2019-25F

Source: 6wresearch.com

India to see



With an Investment of

48,000 more EV chargers

Rs 14,000 Cr

In 3 - 4 Years

Source: economictimes.indiantimes.com

Revenue Model

We cater to EV Manufacturers, charging station operators, businesses, government & municipalities

Revenue From chargers

Chargers & Controllers

IC3 Controllers AC/DC
Charger AC 7.8 – 22 KW
Charger DC 30–180 KW
Charger – Mobile CAAS

35%
Profit Margin

Services Streams

Revenue sharing model:

- Subscription (CSMS)
- Charging As A Service
- Infrastructure Development

25K Average Price

INR 410 Average Price

Lease DC & Mobile Charger

Our USP & Target Market



Advanced AI Optimization- Extends battery life and ensures efficient, reliable EV charging with real-time grid load balancing.



Scalable Infrastructure- 20 Mins HyperFast Chargers & Services, reducing infrastructure costs by 50%.



Comprehensive Data Analytics- Offers predictive maintenance and usage optimization, increasing charging station uptime to 98%.



Comprehensive Ecosystem- Scalable and adaptable systems The Charging-as-a-Service (CaaS) model accelerates network expansion with minimal upfront investment.



EV Chargers Manufacturers



Charging Station Operators



Businesses



Government & Municipalities

What we have achieved so far...

Sites

1. Operational site at IIT Patna DC-charging station.
2. Anthorium Business Park Delhi/NCR 3 Charging Hubs
3. 4 Residential Builders Projects

Production Capacity

We can manufacture & deploy chargers with a monthly capacity of-

IC3 Controllers – 30 Units
AC | 3Kw-7Kw-22Kw- 20 units
DC | 30kW – 180kW- 10 Units

INR 35 Lakhs +

Invested to develop inhouse proprietary hardware to network and Grid balance for Charging Point Operators. Also have developed MVP to provide clear future roadmap of Software

Fundraise

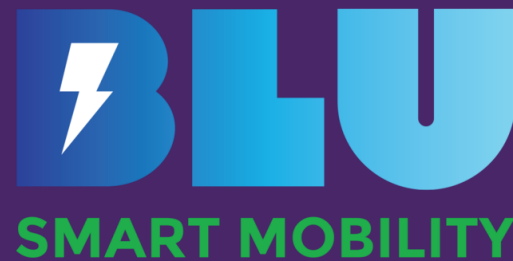
20 Lakhs from Central Seed Fund
27 Lakhs from Angel investor
20 Lakhs invested by Co-Founder



Competitive Analysis

Basis of differentiation	Network of EV Charging stations	Real time charging stations	In-house EV CPS Controller Device Mfg.	Scalable or cross-platform	Community Charging Network	EV App with on-demand charging as service	EV Chargers with CSMS software suite
	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✗	✗	✗	✗	✗
	✓	✓	✗	✓	✓	✗	✗
	✓	✓	✗	✓	✓	✗	✗
	✓	✓	✗	✓	✓	✗	✗

A glance at EV manufacturing & charging companies that raised heavy funding



Valuation Achieved

USD 245 Mn

Raised Latest Funding
\$24 M on May 31st, 2024



Valuation Achieved

USD 5.49 Bn

Raised Latest Funding of
\$12 M on June 12th, 2024



Valuation Achieved

USD 13 Bn

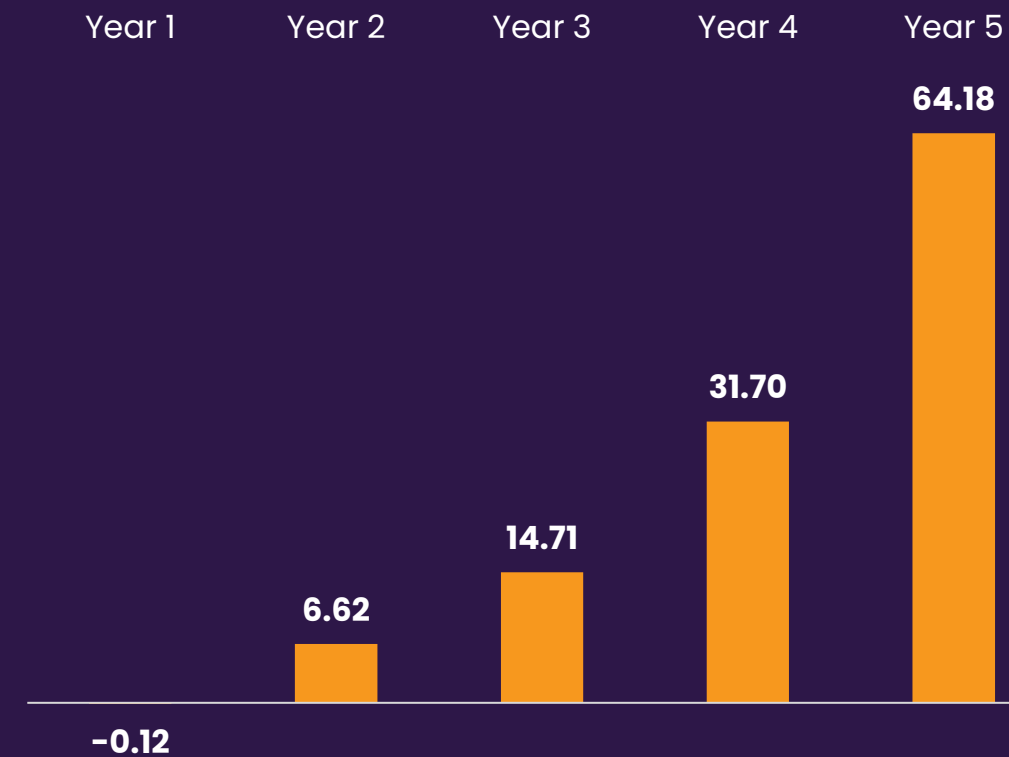
Raised Latest Funding of
\$71.5 M on Aug 13th, 2024

Financial Projection

● Revenue (INR Cr.)



● EBIDTA



The Ask & Allocation

We are looking to
raise **INR 3.8 Cr.**

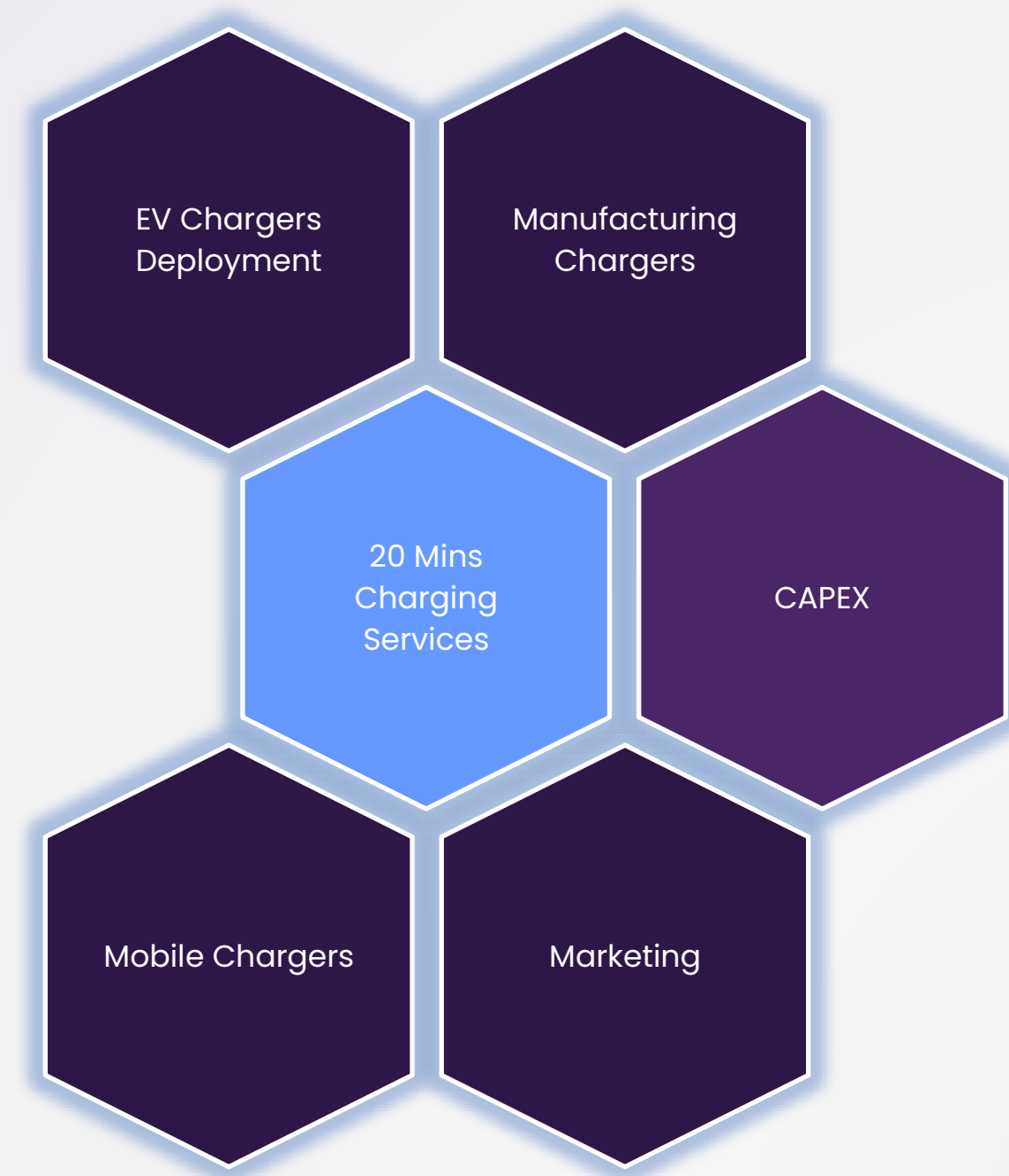
Investment Period: 12 Months

Investment History: Bootstrapped (15 Lakhs+)

Past Fundraise- **20 Lakhs** from Central Seed Fund - IITIC

27 Lakhs from Angel Investor - Family

20 Lakhs invested by Co-Founder



Long Term Vision

Innovative Product Development

Teslavlts will continuously evolve its product line with advanced software and hardware solutions for EV charging.

Network Expansion

broaden its charging network across diverse regions.

Strategic Partnership

Forge alliances with key EV industry players, including manufacturers, operators & energy companies,

Growth through funding

Actively pursue investment opportunities to fuel growth and scale-up initiatives.

R&D Focus

Invest heavily in research and development to maintain leadership in EV charging technology.

Revenue from Chargers	₹ 1,30,60,000	₹ 6,71,00,000	₹ 18,93,00,000	₹ 43,15,00,000	₹ 93,26,00,000
Revenue From Subscriptions (CSMS)	₹ 7,00,000	₹ 44,50,000	₹ 1,19,50,000	₹ 2,69,50,000	₹ 5,19,50,000
Revenue from Charging as a Service	₹ 12,96,000	₹ 8,85,60,000	₹ 14,76,72,000	₹ 24,63,48,000	₹ 36,00,00,000
Revenue from Operations	₹ 1,50,56,000	₹ 16,01,10,000	₹ 34,89,22,000	₹ 70,47,98,000	₹ 1,34,45,50,000

Powered by a Well-Charged founding team



Pratap Singh Kushwah
Founder

- Completed Computer Engineering in 2011.
- 10+ years in Web developing, developing technologies for companies namely Alpine, Web ElementBau, Elogic Commerce & Medkart
- Skilled in ASP.NET, HTML5, CSS3, Javascript, jQuery, PHP, WordPress, and frameworks: MEAN & MERN Stack, Meteor, React, ReactNative, Vue, Angular, Material, Firebase, AngularFire, Ionic, Electron, CMS etc.
- Founded & successfully ran his own company GeekMobster for more than a decade.



Ronak Desai
Co-Founder

- Completed bachelor's in computer engineering in the year 2011.
- Having over a decade of experience after completing his engineering.
- Working with SAP as a consultant consulting many big companies.
- Consulted with many big brands like Tata Group, Future Group, and Shalby Hospital as a Consultant
- Passionate about new tech and technologies that can bring change.



Anvita Chauhan
Director

- HR professional with 10+ years of experience in managing diverse HR functions and driving organizational success.
- Expertise in ZOHO HR and SAP HR, enhancing efficiency through HR system optimization and process improvement.
- Proven track record in recruitment, onboarding, performance management, and employee engagement.
- Skilled in fostering a positive work culture, boosting motivation, and aligning HR strategies with business goals.





TesVolts

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Electrify Tomorrow – Partner with Us for a Greener, Intelligent Future!

If Yes, Reach us at:

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