



AVANI VENTURE

SOLAR & EV CHARGING SOLUTION

www.avaniventure.com

Company Profile

EV Chargers Catalogue

AC & DC Chargers



AVANI VENTURE

About Us

Powering the future of sustainable transportation through innovative EV charging solutions.

AVANI EV is an electric vehicle charging station Manufacturer Company based in Pune, India. The company was founded in 2024 with a mission to promote sustainable transportation by providing reliable and affordable electric vehicle charging solutions.

AVANI EV offers a range of electric vehicle charging stations for both residential and commercial applications. The company's charging stations are designed to be user-friendly and compatible with all types of electric vehicles, including cars, motorcycles, and scooters.

In addition to manufacturing electric vehicle charging stations, including AC and DC fast chargers, AVANI EV also has the capability to customize solutions to meet the specific needs of its customers. The company provides installation, maintenance, and support services to ensure that its customers have a seamless and hassle-free charging experience.

The company is committed to using high-quality materials and advanced technology in its products, and to providing excellent customer service. AVANI EV is dedicated to promoting sustainable transportation and reducing carbon emissions through the widespread adoption of electric vehicles.

Overall, AVANI EV is a reliable and innovative electric vehicle charging station Manufacturer Company that is making a significant contribution to the growth of the electric vehicle industry in India and beyond.

Vision

To be a global leader in innovative and eco-friendly EV charging solutions, making EV charging accessible and convenient while significantly contributing to a greener world.

Mission

Mission To develop high-quality, reliable, and eco-friendly EV charging solutions that meet the diverse needs of individuals, businesses, and communities, thereby promoting sustainable transportation and reducing carbon footprint.

Values

Sustainability

Dedicated to promoting sustainable transportation through efficient and eco-friendly charging solutions.

Customer Satisfaction

Committed to providing reliable, accessible, and user friendly charging solutions that exceeds customer expectations.

Innovation

Striving to push the boundaries of EV charging industry with continuous innovation in products and technologies.

Expertise

Research

Continuous investment in R&D to develop cutting-edge charging technologies that meet evolving industry standards and user needs.

Quality

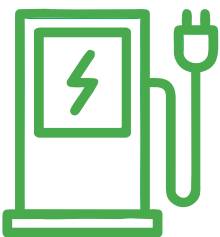
Rigorous testing and quality control processes ensure our products meet the highest safety and performance standards.

Support

Dedicated customer support and maintenance services to ensure optimal performance of our charging solutions.

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SOLUTIONS FOR APPARTMENTS, SOCIETIES, COMMUNITIES,PARKING,GARAGES, ETC.



Service Area



Residential Area



Commercial Area



Parking Area

AVANI VENTURE

Company Overview

Powering the Future of Electric Mobility

AVANI EV is a pioneering Indian manufacturer dedicated to advancing the electric vehicle ecosystem through high-quality EV Chargers, Charging Cables, and Power Solutions. With innovation, precision, and sustainability at our core, we deliver end-to-end AC & DC charging infrastructure—designed, engineered, and manufactured under strict quality control systems.

Our mission is simple yet powerful:

- To make EV charging safer, faster, and smarter — for every vehicle, everywhere.

Our Expertise :

We specialize in the design, manufacturing, and supply of a complete range of EV charging equipment, components, and accessories:

AC EV Chargers- (Type-2, Wall-Mount, Portable)

DC Fast Chargers- (3kW – 360kW, Dual Gun, CCS2 / TYPE-6 & TYPE -7)

EV Charging Cables- (AC Type-2, DC CCS2, TYPE-6 & TYPE -7 Custom Lengths)

- Load Management Gateways for MDU & Commercial Installations
- Smart Payment Solutions with UPI / RFID / Cloud Integration
- OEM Manufacturing & Custom Engineering Services
- Manufacturing Capabilities
- In-house Cable Extrusion & Connector Assembly Line
- Precision Molding & Testing for High-Current Terminations
- Automatic Crimping, High-Voltage Insulation & Continuity Testing
- Integrated Charger Assembly Units with Real-Time QA Systems
- R&D Division for New Product Development (NPD)
- ISO 9001:2015 Certified Quality Process

Every product undergoes electrical, mechanical, and thermal validation to ensure reliability under extreme conditions.

- AC Charger Range - 3kW to 44kW
- DC Fast Charger Range - 3KW to 720KWEV
- Charging Cable Series - TYPE-6, TYPE-7

Cable Materials: Flame-retardant, UV-resistant, weatherproof with high flexibility and tensile strength. Customization: Available in different lengths, colors, and connector designs.

R&D and Innovation

AVANI EV's R&D team continuously works on:

Compact, modular charger designs

Cloud-based charger management systems

Smart payment integration (UPI, RFID, mobile app)

Temperature-controlled cable technology

Ultra-fast charging solutions for 2W, 3W, and 4W vehicles

Quality & ComplianceOur products meet or exceed:

IEC 61851, 62196, and AIS Standards

CE Certification

IP54–IP65 Protection Levels

Bharat AC/DC Charging Guidelines

We ensure Made-in-India quality — built for Indian roads, climate, and electric vehicle demand.

Industries We Serve

Residential & Apartment Charging

Commercial & Fleet Charging

Public Charging Networks

OEM Partnerships

EV Dealerships & Service Networks

Why Choose AVANI EV

- Complete in-house design and manufacturing Proven field reliability with 10,000+ installations
- Custom-built OEM and Private Label Solutions
- 24×7 Technical Support & AMC Options
- Nationwide service & distribution network

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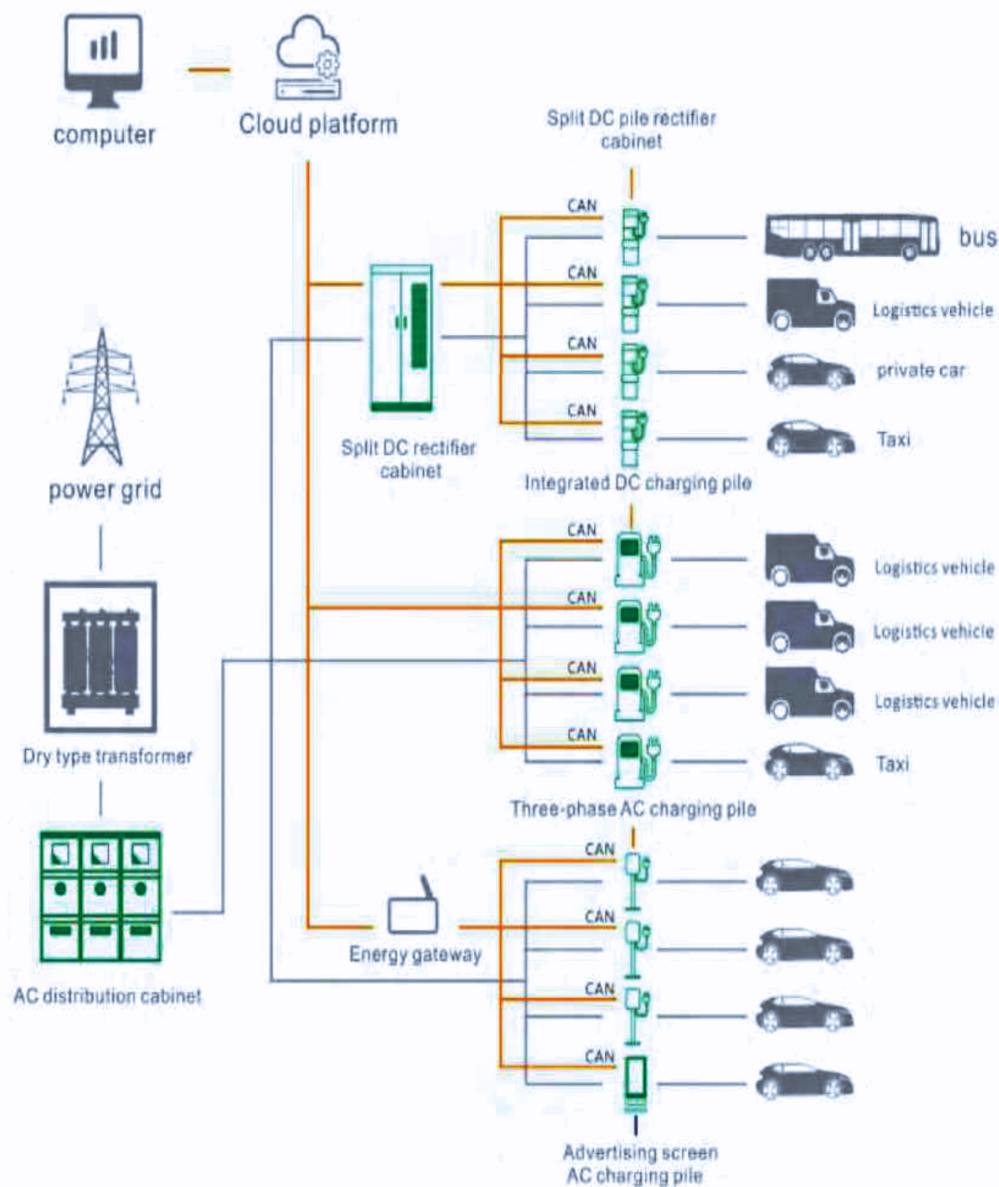
Charging Infrastructure Solutions

Expressway charging station

Application scenario charging station in expressway service area Product selection integrated and split DC charging pile

Advantage:

1. it is convenient to expand the capacity. The number of charging ples can be increased according to the demand to reduce the secondary Investment.



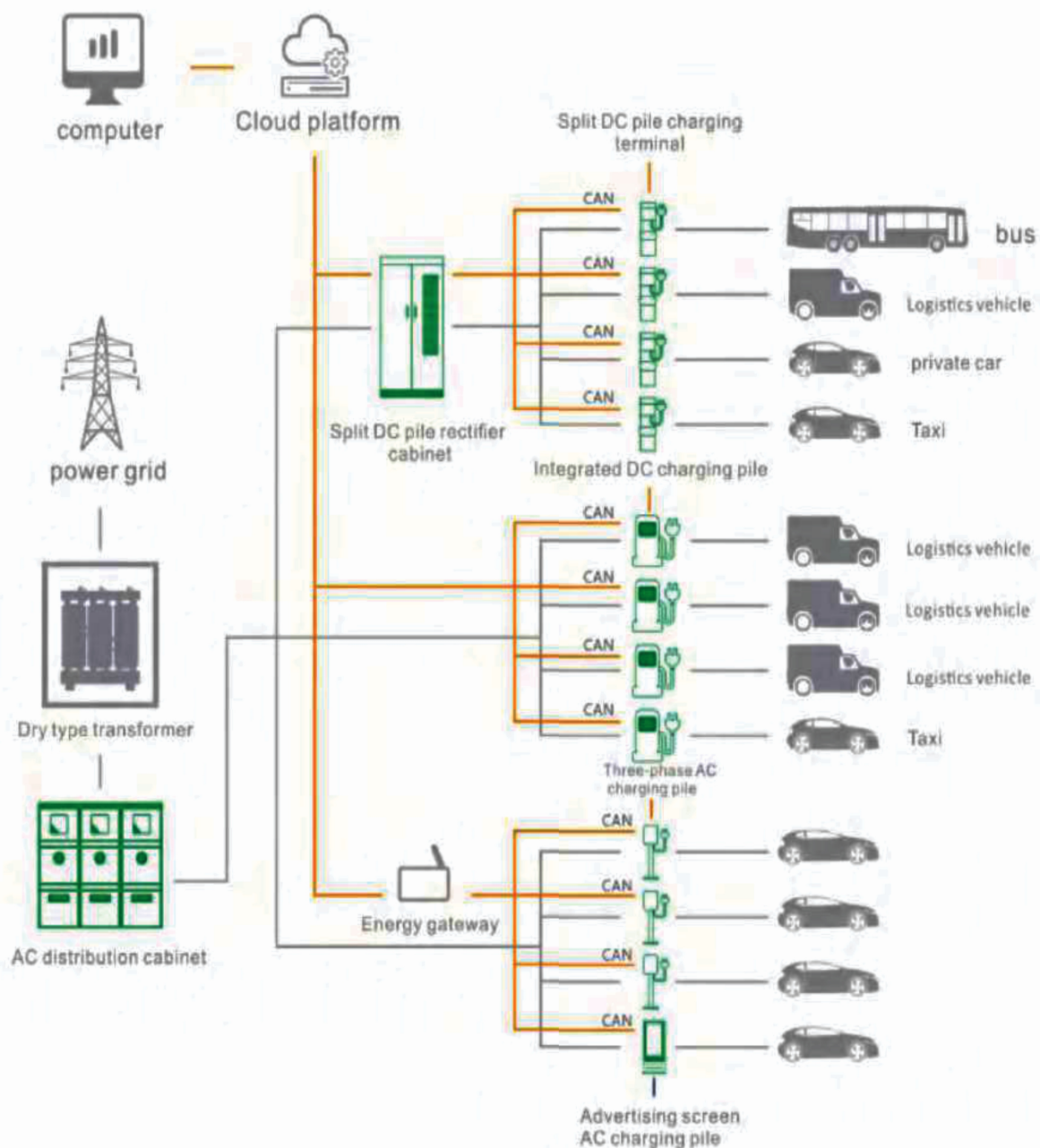
Charging Infrastructure Solutions

Public charging station

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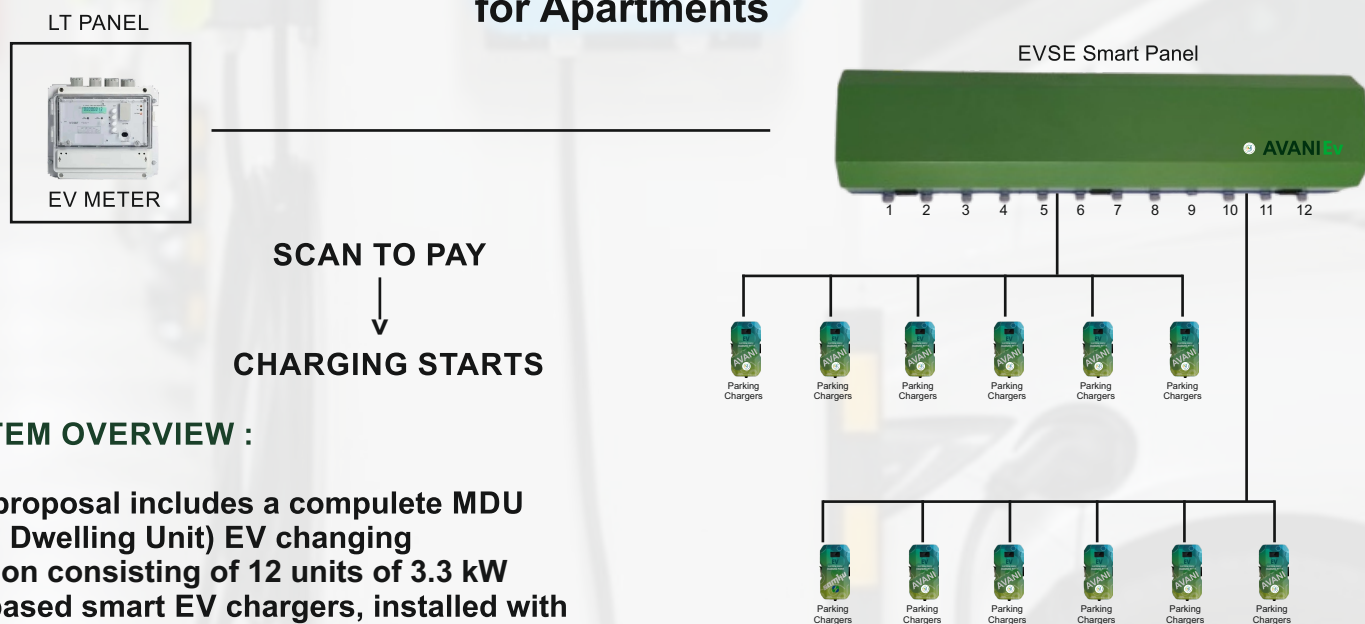
Advantage:

1. Flexible acactation. The charging stationeipped with various charging plastisers can they combine flessly choose fast charging ans slow charging, andreasonably allocate the
2. Strong comgimibility, compatible with parking lot management atem



Real Estate Property Charging Solutions

MDU EV Charging Solutions for Apartments



SYSTEM OVERVIEW :

This proposal includes a complete MDU (Multi Dwelling Unit) EV charging solution consisting of 12 units of 3.3 kW UPI-based smart EV chargers, installed with a single power supply from the existing LT panel.

BILLING MODEL :

Every UPI QR charger has a unique QR code linked to each flat owner's account. No app is required - users simply scan the QR code pay with any UPI app, and charging starts

INSTALLATION DETAILS :

Charger: 12 x 3.3kW Smart EV Chargers (single socket) Supply. From society's LT panel to distribution box
Total Load: 39.6kW combined
Wiring: Single-phase armored cables (4/6 mm)
Site Inspection: Included
QR Code Stickers: Provided for each charger

→INPUT

Input Power	:	380/415V AC, 50 Hz
Output Connectors	:	12
MAX Current	:	16 A Each
Rated Power	:	3.3KW Each
Input Wiring Scheme	:	Five wires-L1, L2, L3, N, and Ground
Input Cord	:	Hardwired only
Connector Type	:	16 A Indian Standard
Charging Start time	:	up to 30 sec
Protection	:	Overcurrent, overvoltage, undervoltage, integrated surge protection
Connectivity	:	Wifi 2.4ghz, LAN
Protocol CMS	:	OCPP 1.6J, UPI Based
Mounting	:	Wall-mounted

2/3 Wheeler DC Fast Charger



→INPUT

Input Power	:	190/270V AC, 50 Hz
MAX Current	:	16 A
Rated Power	:	6KW
Input Wiring Scheme	:	Three wires-L1, N, and Ground
Input Cord	:	Hardwired only
Connector Type	:	Type 6 / Type 7
Charging Start time	:	up to 30 sec
Charging Cable Length	:	3 mtr
Protection	:	Overcurrent, overvoltage, undervoltage, integrated surge protection
Connectivity	:	RFID,Wifi 2.4ghz, GSM
Protocol CMS	:	OCPP 1.6J, UPI Based
Mounting	:	Wall-mounted, Stand Mounting

Ola & Ather Support

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4 Wheeler DC Fast Charger

Product Range 30KW to 240KW



→INPUT

Input Power	:	380/415V AC, 50 Hz
MAX Current	:	150 A
Rated Power	:	60KW
Input Wiring Scheme	:	Five wires-L1, L2, L3, N, and Ground
LCD Display	:	7"inch TFT LCD Touch Panel
Connector Type	:	CCS2
Charging Cable Length	:	5 mtr
Protection	:	Overcurrent, overvoltage, undervoltage, integrated surge protection
Connectivity	:	RFID,Wifi 2.4ghz, GSM
Protocol CMS	:	OCPP 1.6J, UPI Based
Mounting	:	Wall-mounted, Stand Mounting
Operating Temp.	:	-20°C to 70°C,
Storage Temp.	:	-40°C to 70°C,
Humidity	:	<95%, non-condensing
Altitude	:	2000m
Ingress Protection	:	IP 54
Cooling	:	Air Forced/Natural Cooled
Dimension	:	1504* 800* 650 mm
Approximate Weight	:	Around - 250 kg.

360-720 kW DC EV CHARGER

CCS2 | Dual Gun | Dynamic Load Balancing
4 Wheeler / Commercial EV



Item	Input DC 360kW EV Charger	DC 480kW Charging Station	720kW DC Charger
Input	Input Voltage	3-phase 400V $\pm 15\%$ AC	
	Input Voltage Type	3L + N + PE (Three Phase Five Wire)	
	Working Frequency	50-65Hz	
	Power Factor	≥ 0.99	
	Efficiency	$\geq 94\%$	
Output	Rated Voltage	DC - CHAdeMO 500Vdc; CCS 1000Vdc; GBT 1000Vdc; AC Type-2 400V; GBT 400V	
	Max. Output Current	DC-CHAdeMO 125A; CCS 200A; GBT 250A, AC Type-2 63A; GBT 32A	
Interface	Display	8" LCD Touchscreen	
	Language	English	
	Payment	Mobile APP/RFID/POS	
Communication	Network Connection	4G (GSM)/Ethernet	
	Communication Protocols	OCPP1.6J or OCPP2.0	
Working Environment	Working Temperature	$-30^{\circ}\text{C} \sim +55^{\circ}\text{C}$	
	Storage Temperature	$-35^{\circ}\text{C} \sim +55^{\circ}\text{C}$	
	Operating Humidity	$<95\%$ Non-Condensing	
	Protection	IP54	
	Acoustic Noise	$<60\text{dB}$	
	Cooling Method	Forced Air-Cooling	
Mechanical	Dimension (W x D x H)	700*1900*650	
	No. of Charging Cable	Single	Dual
	Cable Length	5m or 7m	

7KW/22KW AC Car Charger



→INPUT

Input Power	:	190/270V AC, 50 Hz / 380/415 V AC, 50 Hz
MAX Current	:	32 A
Rated Power	:	7.4KW / 22KW
Input Wiring Scheme	:	Three wires-L1, N, and Ground / Five wires-L1, L2,L3,N and Ground
Input Cord	:	Hardwired only
Connector Type	:	Type 2
Charging Start time	:	up to 30 sec
Charging Cable Length	:	5 mtr
Protection	:	Overcurrent, overvoltage, undervoltage, integrated surge protection
Connectivity	:	RFID,Wifi 2.4ghz, Plug in charge, GSM
Protocol CMS	:	OCPP 1.6J, UPI Based
Mounting	:	Wall-mounted, Stand Mounting

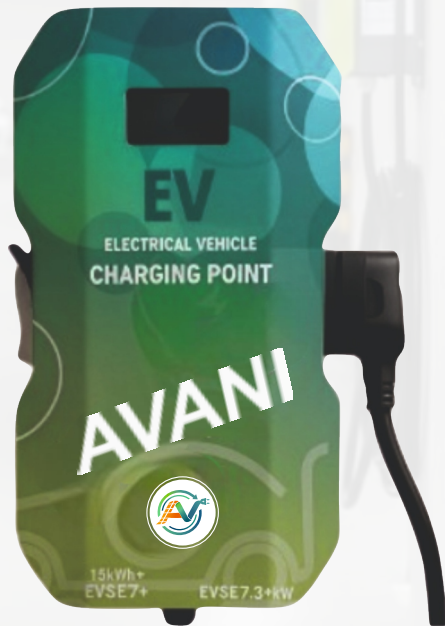
14KW Haibrid Charger



→INPUT

Input Power	:	380/415 V AC, 50 Hz
MAX Current	:	32 A
Rated Power	:	14KW
Input Wiring Scheme	:	Five wires-L1, L2,L3,N and Ground
Input Cord	:	Hardwired only
Connector Type	:	Type 2 & AC Socket
Charging Start time	:	up to 30 sec
Charging Cable Length	:	5 mtr
Protection	:	Overcurrent, overvoltage, undervoltage, integrated surge protection
Connectivity	:	RFID,Wifi 2.4ghz, Plug in charge, GSM
Protocol CMS	:	OCPP 1.6J, UPI Based
Mounting	:	Wall-mounted, Stand Mounting

EV Charger Protection Device (EVSE)



→INPUT

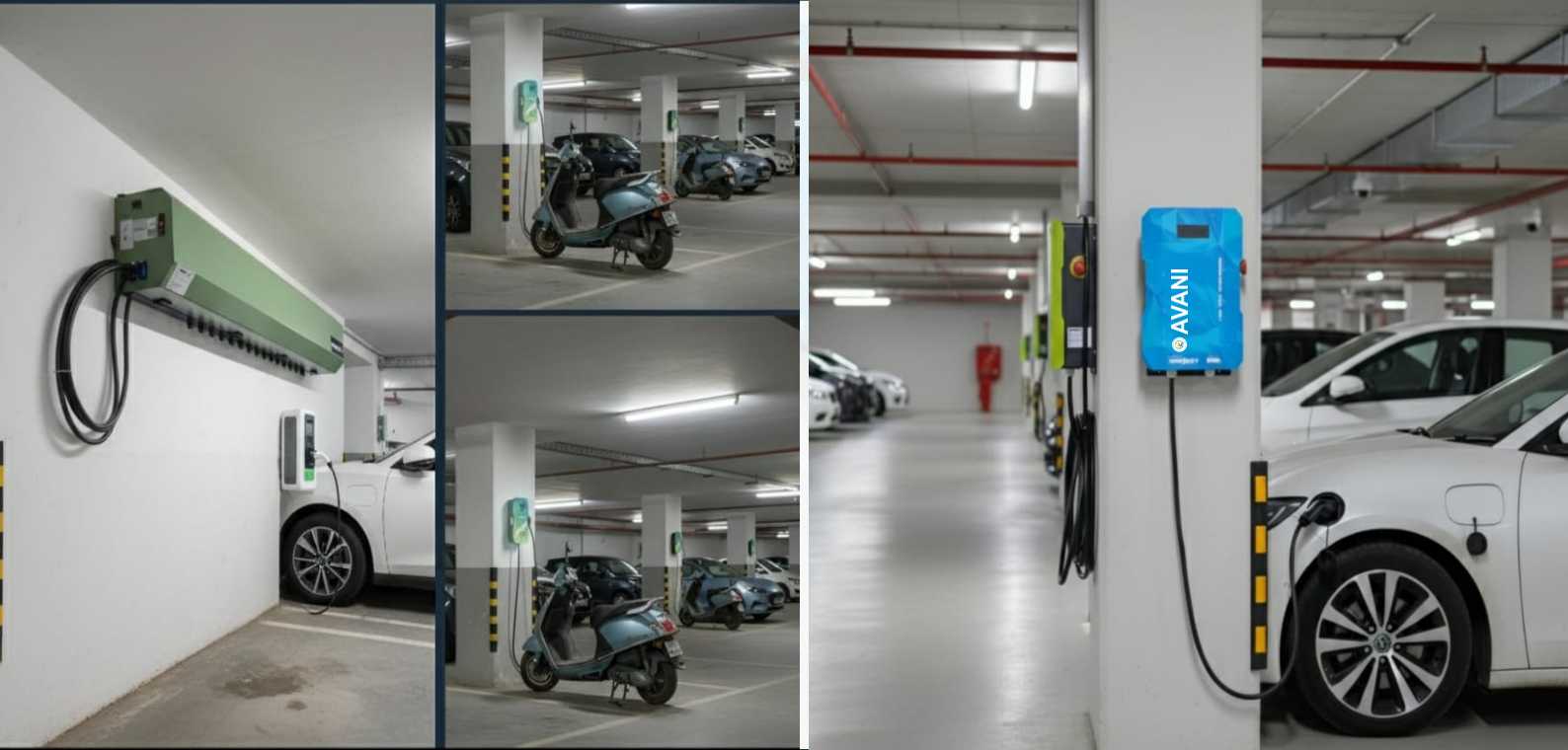
Input Power	:	190/270V AC, 50 Hz
MAX Current	:	16 A
Rated Power	:	3.3KW
Input Wiring Scheme	:	Three wires-L1, N, and Ground
Input Cord	:	Hardwired only
Connector Type	:	16 A Indian Standard
Charging Start time	:	up to 30 sec
Charging Cable Length	:	1 mtr
Protection	:	Overvoltage, undervoltage, integrated surge protection
Connectivity	:	Plug in charge
Protocol CMS	:	Manuel
Mounting	:	Wall-mounted, Stand Mounting

3.3KW AC Charger

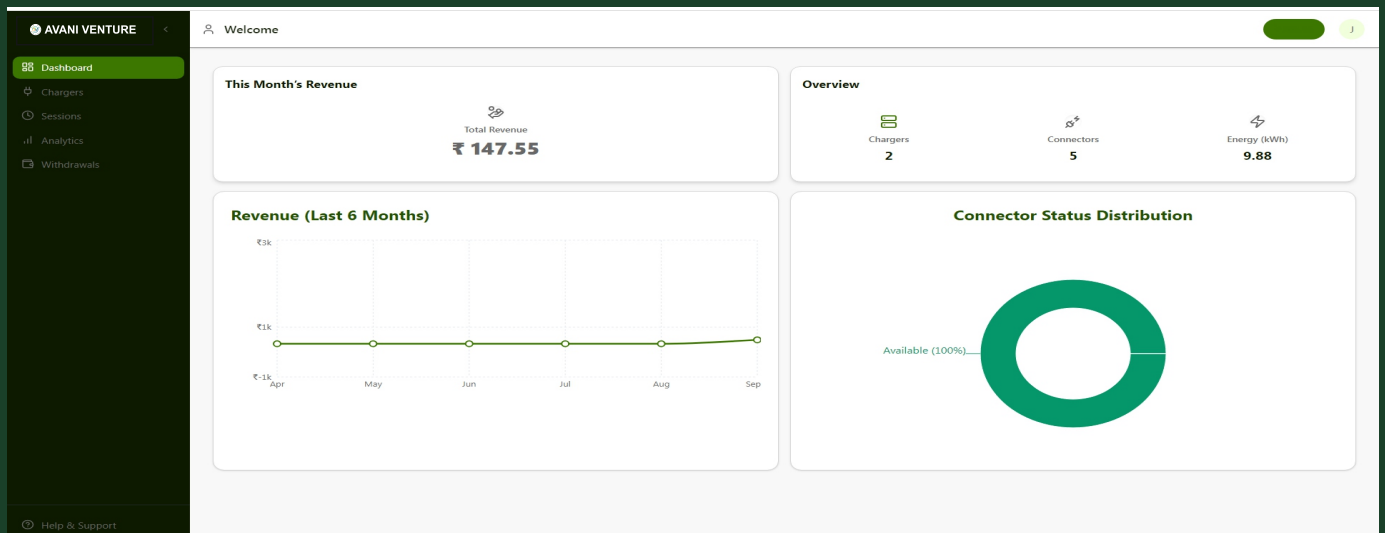


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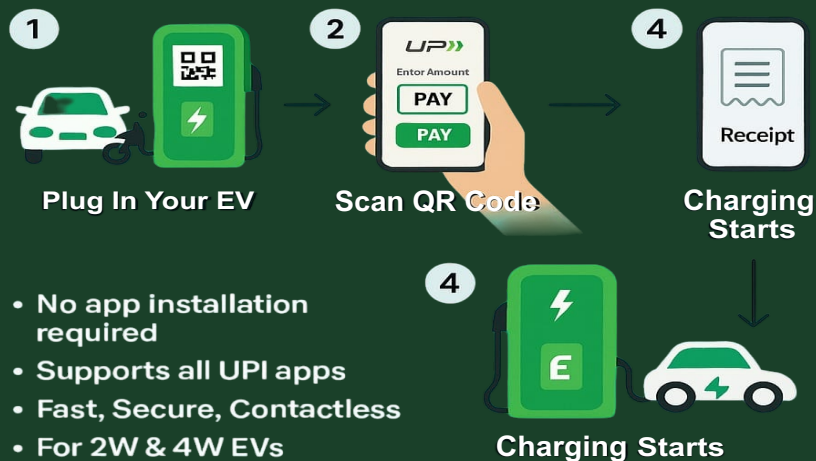
Input Power	:	190/270V AC, 50 Hz
MAX Current	:	16 A
Rated Power	:	3.3KW
Input Wiring Scheme	:	Three wires-L1, N, and Ground
Input Cord	:	Hardwired only
Connector Type	:	16 A Indian Standard
Charging Start time	:	up to 30 sec
Charging Cable Length	:	1 mtr
Protection	:	Overcurrent, overvoltage, undervoltage, integrated surge protection
Connectivity	:	RFID,Wifi 2.4ghz, GSM
Protocol CMS	:	OCPP 1.6J, UPI Based
Mounting	:	Wall-mounted, Stand Mounting



CMS DASHBOARD



SCAN QR & START CHARGING Easy UPI Access



EV Vehicle Washing Product



Rubbing & Cutting Polishing



Foam Shampoo



Oil & Dust Cleaner



Polish



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