CHARGINN

PRESENTING KERALA'S FIRST

Turbo Chargers to Charge your Vision

With our EV charging stations,
your business becomes a magnet
for eco-conscious customers,
lighting the way to higher earnings.

CHARGINN



Boosting Profits with Innovation

At ChargInn, we blend innovation and expertise to empower businesses to grow profitably while contributing to a greener planet. Our state-of-the-art EV charging solutions ranging from dynamic DC chargers to versatile AC chargers are a tool that can help businesses boost profitability and increase brand visibility. By offering seamless integration for all types of electric vehicles, we enable businesses to enhance customer experiences while reducing carbon emissions.

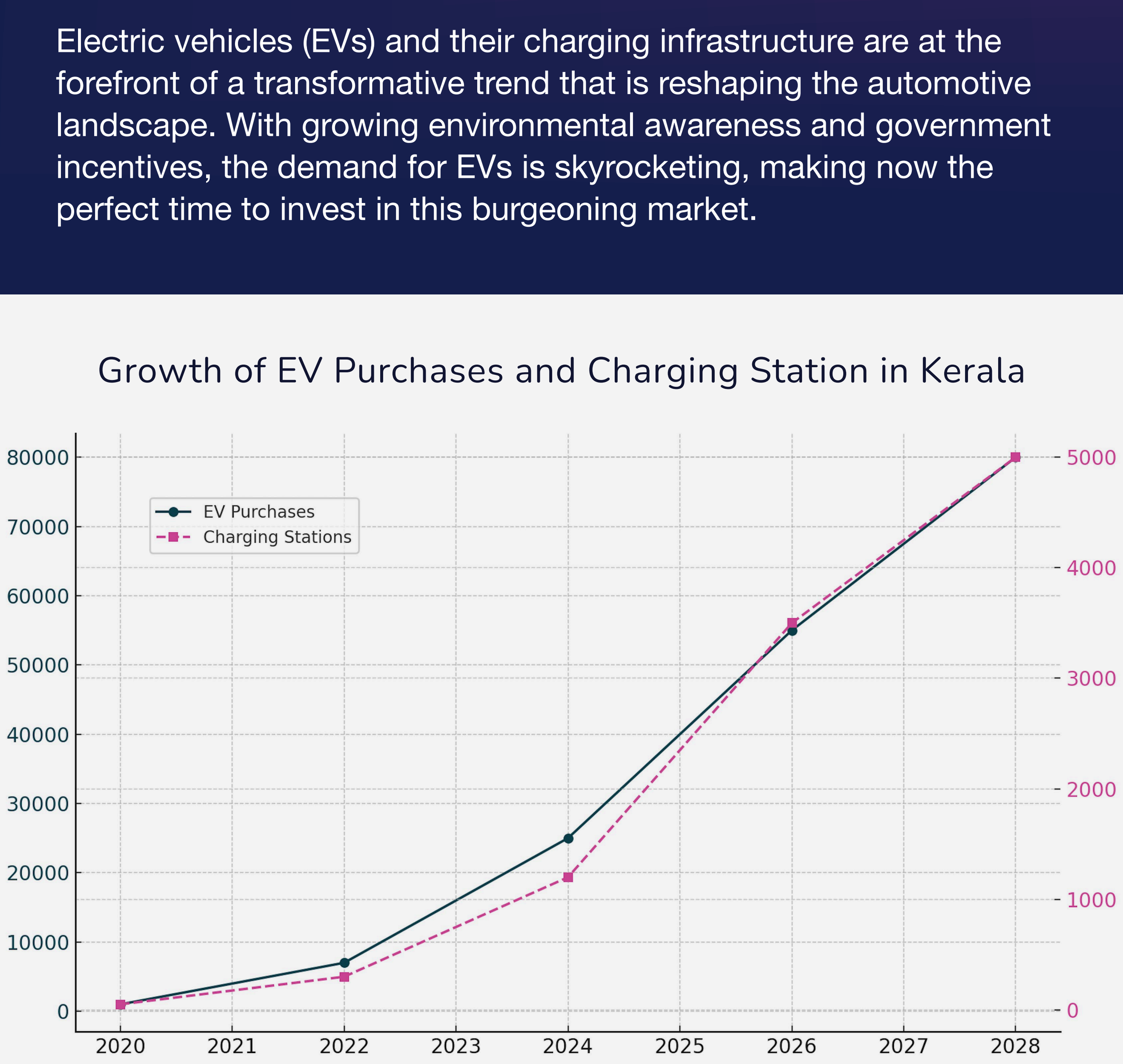
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Embrace the EV Revolution

INVEST IN THE FUTURE

Electric vehicles (EVs) and their charging infrastructure are at the forefront of a transformative trend that is reshaping the automotive landscape. With growing environmental awareness and government incentives, the demand for EVs is skyrocketing, making now the perfect time to invest in this burgeoning market.

Growth of EV Purchases and Charging Station in Kerala



CHARGINN BENEFITS

- Brand Visibility
- Increase Revenue
- Wholesome Customer Experience
- Enviroment Friendly

Turbocharge your space with ChargInn

Unmatched Turbo Charging Speed

ChargInn brings Kerala’s first 120-240 kW Turbo Chargers, fully charging your EV in just 35-40 minutes far faster than other chargers

Dynamic Load Sharing Technology

ChargInn’s innovative dynamic load sharing technology optimizes power delivery, ensuring efficient, uninterrupted charging tailored to your vehicle’s requirements.

All-in-One Solution

ChargInn is a single point of contact for both hardware and software services, liminating the hassle of dealing with multiple vendors.

CHARGINN CHARGERS

Turbo Charge | 120kW/240/360/720kW

CCS Charger | 30kW, 60kW, 80kW & 90kW

DC EV CHARGERS | 20kW & 30kW

AC EV CHARGERS | AC 3.3*3kW, 7.4kW & 22kW

Turbo Charge

120kW/240/360/720kW



- Ideal solution for high-efficiency charging for public, commercial, and fleet use.
- Supports simultaneous dynamic charging output and load distribution for optimized site utilization.
- Compatible with OCPP for seamlessbackend system integration.
- Enables remote on/off control and energy management for better operational control.

Application

- Higher Efficiency >94%
- Modular & Scalable
- Smart Power Balancing
- Dynamic simultaneous charging
- All weather outdoor designs

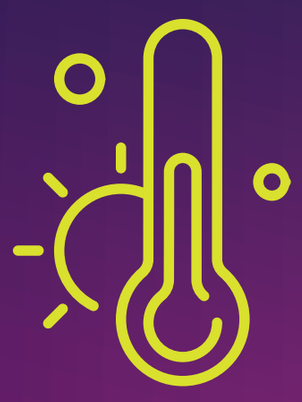
Features

- 60/240kW fast charging with ≥ 94% efficiency
- 60kW/240kW Dynamic Simultaneous charging
- Dynamic load distribution optimizes charging services



Complete system integration for better charging services

- Support OCPP1.6-J, upgradeable to OCPP2.0
- Built-in Ethernet, Cellular (3G/4G) and WLAN connectivity



All-weather outdoor design for high environmental adaptability

- IP55 and IK10 Protection
- Forced Air Cooling
- Anti-Rust Protection

REFERENCE

DC OUTPUT	**Maximum Power [kW]**	**240kW**	**360kW**	**720kW**
	Number of Dispensers	3/4/6	3/4/6	6/12
	Charging Dispenser	240		
	Voltage Range[V]	200 – 1000		
AC INPUT FOR DC OUTPUT	Power [kVA]	257	385	865
	Voltage[V]	400 IEC / 480 UL (3ph + N + PE) ± 10%		
	Power factor	> 0.99		
	Frequency [Hz]	50 (IEC)/60 (IEC & UL)		
	Efficiency	95%		
GENERAL	Protections	Over Temperature		
		Over Voltage(Type 2)		
		Overcurrent /Short-circuit(Circuit Breakers)		
		(Optional)RCD Type A(Optional)		
		Smart Fleet Management(Optional)		
		Smart Power Balance(Optional)		
		E-Stop Button ready		
	Others			
	Enclosure/Foot color Protection rating IP54|IK10	Grey (RAL 7035)		
	Operating temperature range [°C/°F]	Standard: -25 to 50 / -13 to 122 Optional: -30 to 50 / -22 to 122		
	Relative Humidity	From 4% to 95%		
	Maximum altitude above sea [mm]	Without derating: 2000 / 6561 Max: 3000 / 9842		
	Communications	Ethernet (10/100)		
		Cellular Data: 4G, 3G, GSM		
	Dimensions(WxDxH) [mm]	1200* 850* 2000		
	Regulation	IEC 61851-1, IEC 61851-23, IEC 61851-24, IEC 61851-21-2		

CCS Charger

30kW, 60kW, 80kW & 90kW

Dual Gun

- Could be charged up to 80% within 1 hour
- CCS-2 Standard PF>0.99 (APFC)
- Efficiency>95% at nominal output power
- OCPP1.6 JSON
- Intelligent RFID card reader
- 7" touch screen and friendly HMI interface could support
- English, Hindi Language Support Ethernet/GSM
- Ik10, IP54/55
- Customization available
- Easy installation and maintenance



Application

- Highway Gas/Service Station
- Commercial Operators
- EV Dealer Workshops
- Parking Garage
- EV Infrastructure Operators And Service Providers

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CCS Charger

30kW, 60kW, 80kW & 90kW

Rating		30kW	60kW	80kW	90kW
AC Input	AC Input Connection	415V AC±15% 3P+N+PE			
	Max Input Current(A)	46A	92A	123A	139A
	Frequency(Hz)	50 Hz			
	Power Factor	≥0.99			
	Efficiency(%)	≥95 %			
DC Output	Output Voltage Range	150-1000V	150-1000V	200-1000V	150-750V
	Max. Output Current	100A	200A	268A	150A
	Max. Output Power(kw)	30kW	60kW	80kW	90kW
	Voltage Accuracy(%)	± 0.5			
	Current Accuracy(%)	± 0.5			
User Interface & Control	Display	7Inch Touch Screen			
	Push Button	Emergency Stop			
	Display Information	Charging Process and Status/Alarm and Warning Messages			
	Internal	CANbus / RS485			
Environmental	Operating Temperature	-30°C to 50°C Power derating from 55° C and above			
	Humidity(%)	5~95% Non Condensing			
	Altitude(m)	<2000m			
	IP Level	IP54/55			
	Cooling method	Forced Air Cooling			
Mechanical	Dimension(WxDxH)mm	500*700*1650/ 700*500*1790			
	Weight (kg)	210-260 kg			
	Gun Cable Length(m)	6m			
Protection	Input Protection	OVP, OCP, OPP, OT, UVPP, Residual Current Detection, Surge Protection, Cabinet Open Detection(Rear Door)			
	Output Protection	Lost Input Ground Connection			
Regulation	Certificate	ARAI			
	Charging Interface	CCS-2 Combo Interface			

DC EV CHARGERS

20kW & 30kW

GB/T Charger

- Could be charged up to 80% within 1 hour
- PF>0.99 (APFC)
- Efficiency>95% at nominal output power
- OCPP1.6 JSON
- Intelligent RFID card reader
- 7" touch screen and friendly
- HMI interface could support
- English, Hindi Language Support
- Ethernet/GSM
- IK10, IP54/55
- Customization available
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Application

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DC EV CHARGERS

20kW & 30kW

Parameter	20kW	30kW
AC INPUT		
Input Connection	415VAC ± 15%	3P+N+PE
Max Input Current	30 A	46A
Frequency	50 Hz	50 Hz
Power Factor	≥0.99	≥0.99
Efficiency	≥95%	≥95%
DC OUTPUT		
Voltage Range	30-110V	30-110V
Max Output Current	200A	300A
Max Output Power	20KW	30KW
Voltage Accuracy	±0.5%	±0.5%
Efficiency	≥95%	≥95%
USER INTERFACE & CONTROL		
Display	7” Touch Screen	7” Touch Screen
Push Buttons	Emergency Stop	Emergency Stop
Internal	CANbus/RS485	CANbus/RS485
ENVIRONMENTAL		
Operating Temp	-30°C to 50°C	-30°C to 50°C
Humidity	5-95% RH, Non-cond.	5-95% RH, Non-cond.
IP Level	IP54/55	IP54/55
Cooling	Forced Air Cooling	Forced Air Cooling
MECHANICAL		
Dimensions (WxDxH)	500x700x1650 mm	500x700x1650 mm
Weight	230 Kg	230 Kg
Gun Cable Length	5m	5m
PROTECTION		
Input Protection	OVP, OCP, RCD, Surge	Same as 20KW
Output Protection	SCP, OVP, UVP	Same as 20KW
REGULATION		
Charging Interface	GB/T	GB/Tv

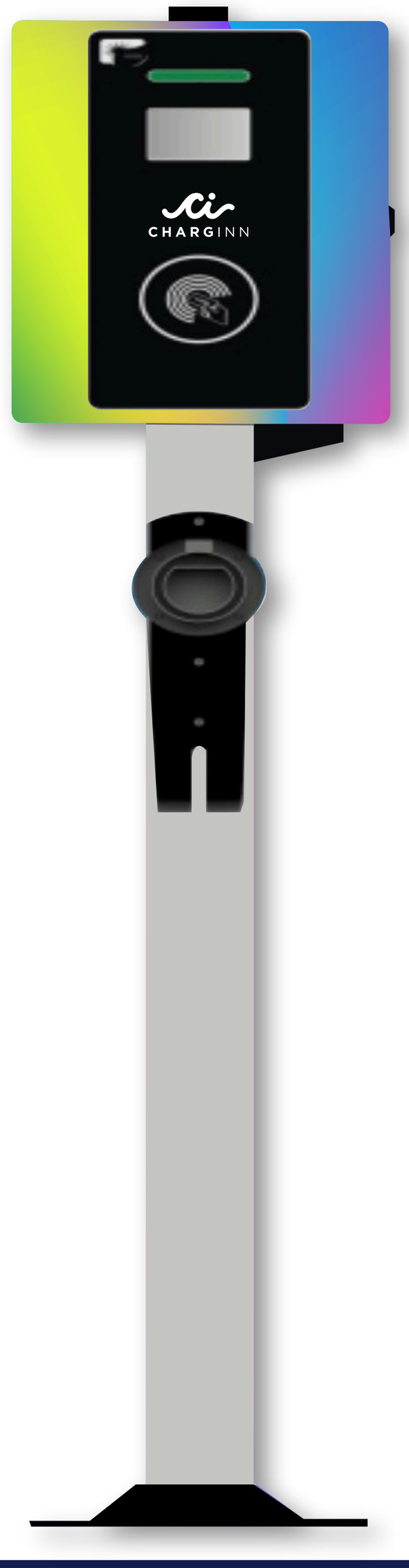
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AC EV CHARGERS

AC 3.3*3kW, 7.4kW & 22kW

Floor Mounted

- Ideal choices for residential, community, and commercial AC EV charger
- Optional wired/wireless connection for back office management
- Optional RFID card reader for user identication and management Input: 200Vac~240Vac
- IP65 rated for indoor/outdoor applications
- Firmware updates through remote connection
- Charging interface: SAE J1772(Type 1)/ IEC 62196-2(Type2)



Application

- Highway Gas/ Service Station
- Commercial Operators
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- Parking Garage
- EV Infrastructure Operators And Service Providers

AC EV CHARGERS

AC 3.3*3kW, 7.4kW & 22kW

Parameter	3.3kW	7.4kW	22kW
AC INPUT			
Input rating	415V, 3-Phase	230V, Single Phase	415V, 3-Phase
Max Input Current	16A	32A	32A
Frequency	50 Hz	50 Hz	50 Hz
Power Factor	≥0.99	≥0.99	≥0.99i
OUTPUT CHARACTERISTICS			
Max Output Power	3.3kW	7.4kW	22kW
Output Voltage Range	200-250VAC	184-276VAC	184-276VAC
USER INTERFACE & CONTROL			
Push Buttons	Emergency Stop	Emergency Stop	Emergency Stop
Communication	Ethernet/GSM/Wi-Fi	Ethernet/GSM/Wi-Fi	Ethernet/GSM/Wi-Fi
ENVIRONMENTAL			
Operating Temp	-30°C to 50°C	-30°C to 50°C	-30°C to 50°C
Humidity	5-95% RH, Non-cond.	5-95% RH, Non-cond.	5-95% RH, Non-cond.
IP level	IP65	IP65	IP65
Cooling	Natural Cooling	Natural Cooling	Natural Cooling
MECHANICAL			
Weight	<10 Kg	<10 Kg	<10 Kg
Gun Cable Length	6m	6m	6m
PROTECTION			
Input Protection	OVP, OCP, RCD, Surge	Same as 3.3kW	Same as 3.3kW
REGULATION			
Ground Fault	Lost Input Ground Conn.	Same as 3.3kW	Same as 3.3kW

ChargInn Franchisee Owner's Profit Margin

EXPENSES PER UNIT	AMOUNT IN ₹
Electricity Board Charges	₹5.50
Electricity Board cess charges (10%)	₹0.55
Cloud Hosting, Server, Customer Care Support for technical & Application, Payment Gateway	₹3.00
PROFIT	**₹8.95**
GST (18% of Selling Price)	₹3.24
TOTAL	**₹21.24**

Return on Investment and Profit

EXAMPLE CALCULATION FOR A MONTH

15 EV's × 25kWh× 4 Guns = 1500kW/day

Suppose there are 15 Electric Vehicles consuming 25 kW/day from a dual gun per day consumption

1500kW × 30days = 45,000kWh/month

Per day consumption × No. of days in a month

45,000kWh × ₹21.24 = ₹9,55,800

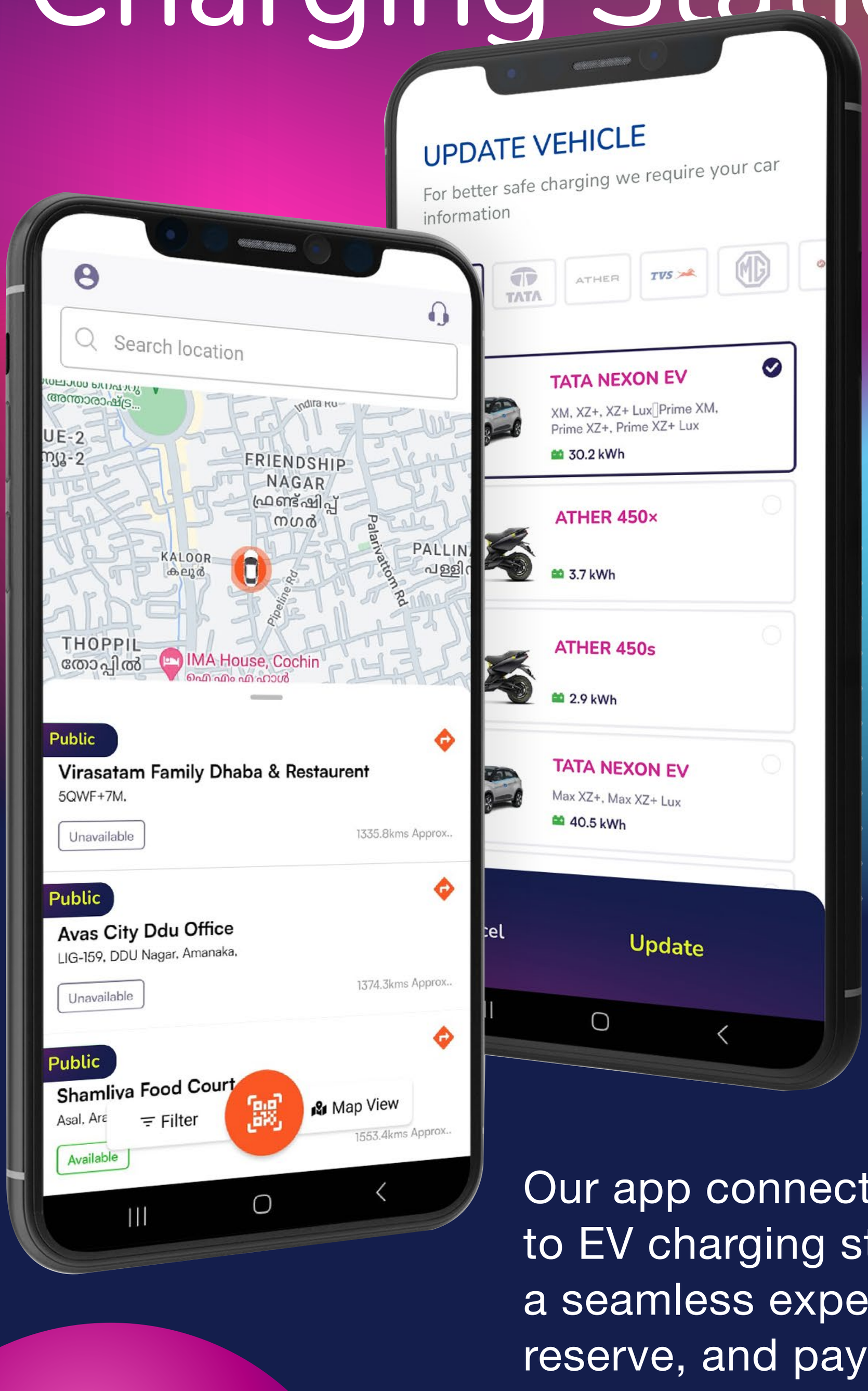
PRICE OF UNITS SOLD(including GST)

Per month consumption × Per unit selling price

EXPENSES/MONTH	AMOUNT ₹/unit	UNITS SOLD units/month	TOTAL AMOUNT ₹/month
Electricity Board Charges	5.50	45,000 kWh/month	₹2,47,500
Electricity Board cess charges (10%)	0.55		₹2,47,500
GST (18%)	3.24		₹1,45,800
Cloud Hosting, Server, Customer Care Support for Technical & Application, Payment Gateway	3.00		₹1,35,000
TOTAL			**₹5,53,050**

CHARGINN

Tech Powered Charging Stations



Our app connects you directly to EV charging stations for a seamless experience. Find, reserve, and pay—all in one place. Get real-time availability, quick payments, and directions, making charging easy and stress-free. With our technology, you're always ready to go with minimal wait and maximum convenience.

Empower Your Space, Electrify Your Growth

COCO

ChargeInn Company-Owned, Company-Operated

Consistent revenue source for individuals and businesses with high-potential locations like hotels, malls, institutes, etc.

Leverage Kerala's First Turbo Chargers for unmatched visibilty and profitability for your business and you, where ChargeInn provides and operates everything

FOCO

Franchise-Owned, Company-Operated

Maximize returns through ownership of EV Chargers in your space

Invest in COCO

Prime Opportunities

A perfect choice for those without property but eager to capitalize on the EV boom



MALLS & COMMERCIAL SPACES



WORKSPACES & CORPORATE SPACES



EDUCATIONAL INSTITUTES



RESTAURANTS, BARS, CAFES & PUBS

CHARGINN

Elrth Group, Near Yemaha showroom
Kothamangalam, Ernakulam - 686691

Flowers Complex, Kozhikode Road, Akkikkavu,
Perumpilavu, Thrissur - 680519

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