



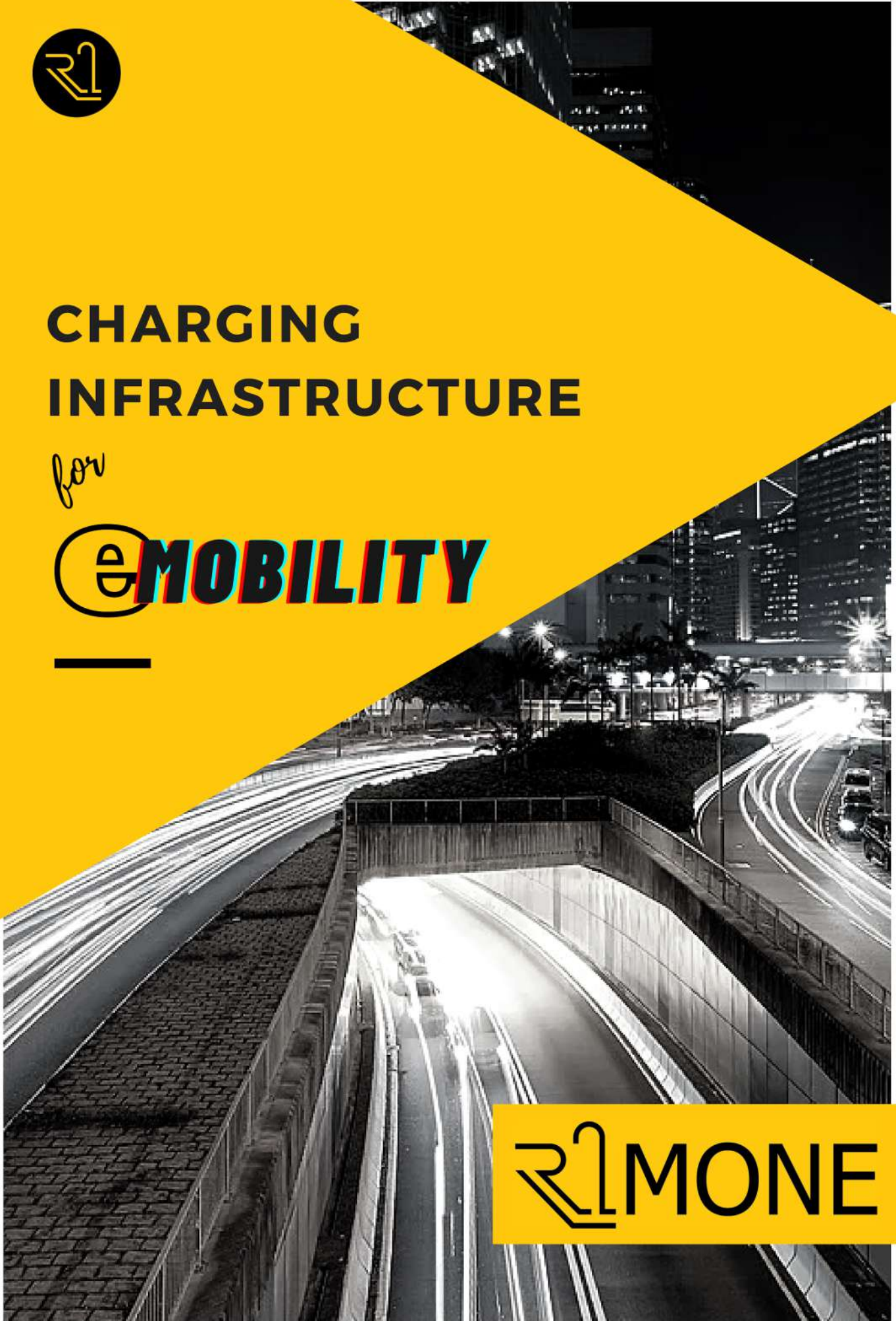
# CHARGING INFRASTRUCTURE

for

**e**MOBILITY



**R1MONE**



# ABOUT



RIMONE IS A TECHNICAL SOLUTION FOR CHARGING BATTERIES OF ELECTRICALLY POWERED VEHICLES. IT DEPLOYS THE PRINCIPLE OF OPPORTUNITY CHARGING, THE MOST COST AND ENERGY-EFFICIENT METHODS OF KEEPING HYBRID AND ELECTRICALLY POWERED VEHICLES OPTIMALLY OPERABLE. WITH OPPORTUNITY CHARGING, THE INFRASTRUCTURE CONSISTS OF FEWER UNITS.

RIMONE PROVIDES AN AUTOMATIC INTERFACE FOR CHARGING ELECTRICALLY POWERED VEHICLES BASED ON ESTABLISHED INDUSTRY STANDARDS, INTENDING TO SUPPORT A COMMON CHARGING INTERFACE FOR ALL TYPE OF ELECTRIC VEHICLES.

THE PURPOSE OF RIMONE IS TO SUPPORT THE MIGRATION FROM INTERNAL COMBUSTION ENGINES AND FOSSIL FUEL TO ELECTRICALLY POWERED VEHICLES BASED ON HYBRID AND BATTERY TECHNOLOGY.



**BEST VALUE**   
**PRODUCTS** 

The best value chargers in the market with outstanding quality for EV charging.

Ensuring optimal working with a wide range of connectivity options.

Smart charging ensures optimal working of the chargers every time. Energy meter in the charger provides vigorous load management. A dedicated app can authenticate and provides insights of charging by the users.

**SMART**  
**INTEGRATION** 

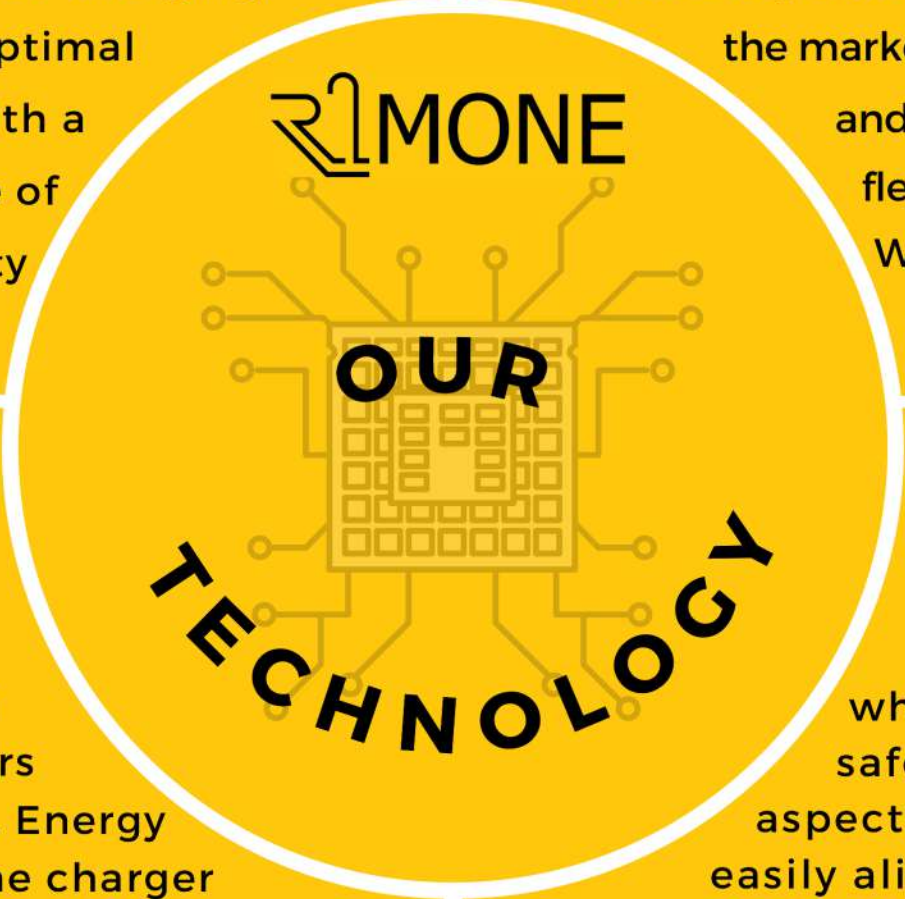
**GLOBAL**  
**STANDARDS** 

The chargers are of the global standards ensuring to support almost every electric vehicle in

the market. The plugs and sockets are flexible in with Working with every EV.

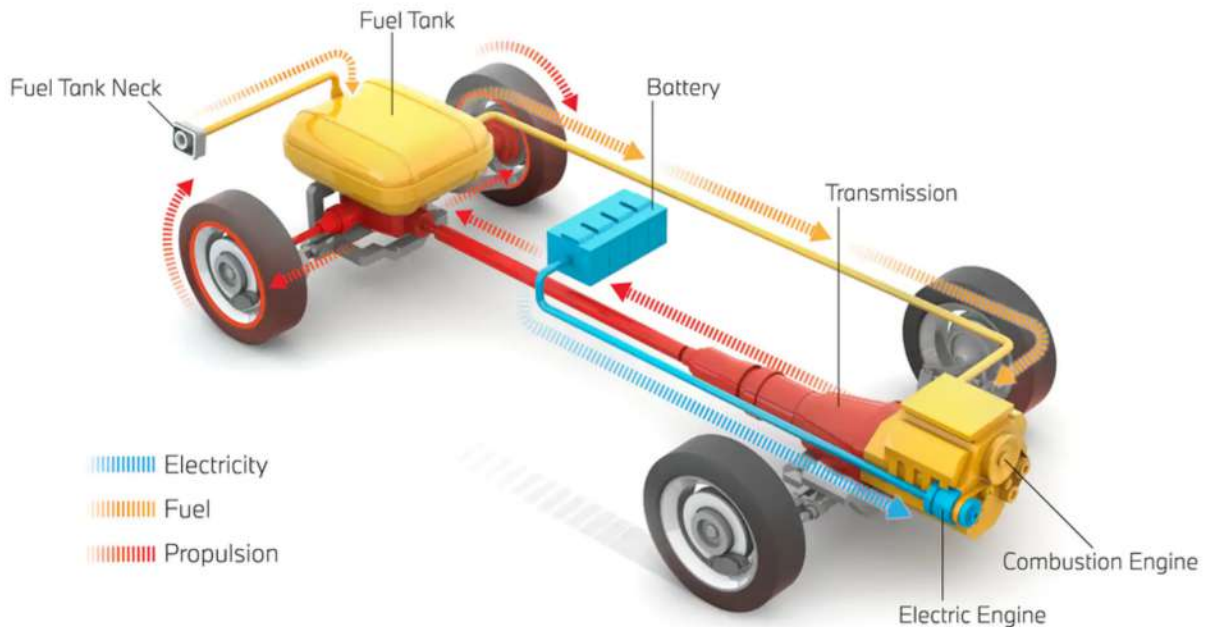
Chargers are tested for the top QA checks which ensure safety at each aspects. It can be easily aligned with the building's electrical distribution system. The shield safety includes protection from DC ground faults & over-voltage for users and cars.

**SAFETY**  
**SHIELD** 



**ELECTRIC VEHICLES ARE THE FUTURE  
LET'S WRITE IT TOGETHER**

# WHAT'S THE NEED TO SHIFT



## COST

In this fast-moving world, people need a smart vehicle to move which will be affordable, convenient and require less maintenance.

## FUTURE

Electric vehicles are the future of any country. With depleting fossil fuels, electricity is the only source of energy which is unlimited and clean.

## FUEL

Get a cut through everyday price hikes of petrol and diesel. Use renewable source of energy which is clean, abundant and unlimited.

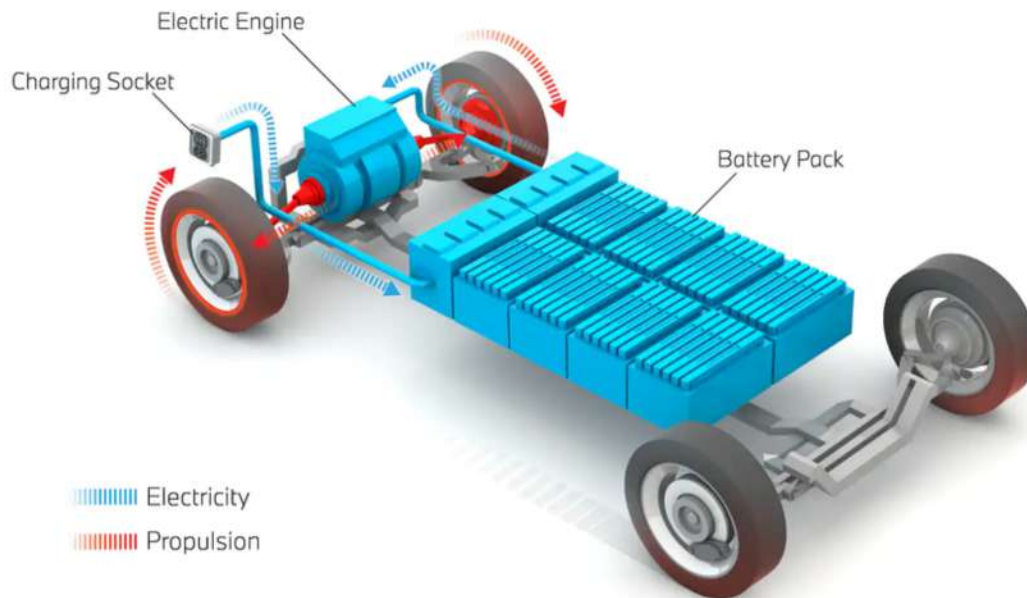
## NATURE

Pollution caused by these vehicles create an adverse effect to our nature. What future we want to create for our future gen., Polluted or Clean!!!

## E-MOBILITY

Its a beginning of new era of e-mobility. Where people will be driving technology-driven vehicles and all this required electric energy. Technology is the need of today's world, its better to adopt it and being part of it.

# FUTURE WITH EV



## VALUE

Electric vehicle costs even less than half the running cost of fuel-based vehicles and require very less maintenance, **BIG SAVINGS!!!**

## FUTURE

Mobility is the nerves of any nation, EV's will be going to become its core part in the future. This will be creating new opportunities for all.

## POWER

E-mobility provides fuel diversity to renewable sources and reduce dependency on fossil fuels. Electric energy is the best and affordable form of energy.

## NATURE

Petrol/Diesel vehicles are the largest source of carbon footprints. Switching to electric vehicles is the best way to achieve zero carbon footprint .

## CHARGING INFRA

RIMone is the curated startup to provide the charging solution on the way for you. It is as easy as refuel the ICE vehicles. With RIMONE's superfast charger, an EV can be fully charged within 45min\*.

# TECHNOLOGY

with

# MULTIPLE APPLICATIONS

WHICH LETS YOU

Drive away with

# ZERO CARBON EMISSION

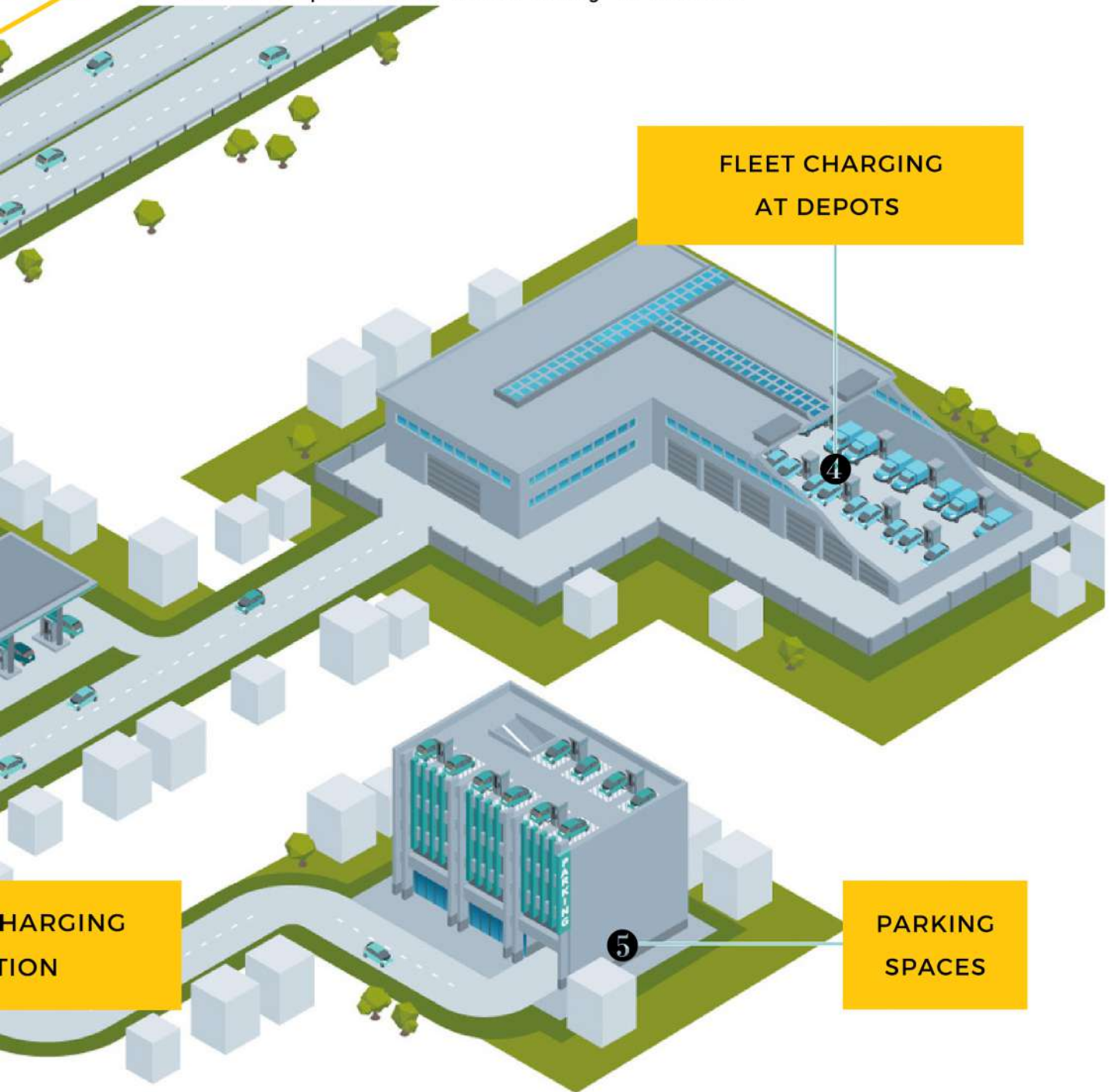


HIGHWAY  
FAST CHARGING

CORPORATE  
CHARGING

PUBLIC CHARGING  
STATION

E-mobility will go to expand and replace the current gas station networks. RIMONE is establishing Tailored charging stations for people at easy to reach locations like residential flats, offices, malls and other places of their daily errands.



CRAFTING  
THE  
FUTURE

# SUPER FAST CHARGER

50 kW 

CAN CHARGE

EV





# Technical Specifications

## Product Information

Input/Output Power and current

Output Voltage

Power Factor

Dimensions (H x Dx W)

Mass per Pc. (kg)

Socket Type

Input AC Power connection

IP and IK rating

Operating temperature

Connectivity

User Authentication

Communication Protocol

Efficiency

Protection

Safety Standards

Codes & Standards

Certification

## 50kW DC Charger

Three Phase 50kW/125A

150-920VDC 50/60Hz

>0.94

1900 x 780x 565 mm

350kg

CCS 2 & CHadeMO

3P + N + PE

IP54 and IK10

-35°C to +55°C

Wi-Fi, Ethernet (RJ45)

RFID card

OCPP 1.6 and RS485/P1 for energy meter connection

94% at nominal Output Power

Overcurrent, overvoltage, under voltage, ground fault including DC leakage protection, integrated surge protection

IEC/EN 61851-1, IEC/EN 62311, IEC/UL 62479, IEC/UL 62955, TuV listed conforming to UL 2594, UL 2231-1, UL 2231-2, UL 1998, CSA C22.2. NO.280

IEC 61851-21-2, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, CE RED- WLAN / RFID / E-UTRA: EN 300 328 V2.1.1, EN 300 330 V2.1.1, FCC Part 15 Class B ENERGY STAR

CE, CB, MID, UL



## TYPE2 SOCKET



# WALLBOX CHARGER

For the Growing Market

The charging unit is designed for easy handling even in tight garages. The protection IP54 facilitates even outdoor applications, such as carports or for semi-public parking lots.

The charging process starts as soon as the charging coupler is connected to the electric vehicle. Chargers are set up for energy meter integration to provide dynamic load management, reducing energy costs and preventing nuisance tripping of distribution protective devices. Additional LED indicators for convenient indication of charging status from a distance.

## Product Information

Charging type	Mode 3 charging, level 2
Input/output power rating and current	IEC ratings: Single phase of 3.7-7.4 kW /16-32 A, Three phase of 11-22 kW /16-32 A
Input/output voltage	Single phase: 110-240 V Three phase: 380- 415 V, 50 / 60 Hz
Network type	TT, TN, IT
Socket or connector type	Type 2 socket with or without shutter
Protection	IP54, Overcurrent/voltage, ground fault including DC leakage protection
Connectivity	Wi-Fi, Ethernet, Bluetooth, RS485, 4G/3G
Energy metering	Revenue grade energy meter Class B (+/- 1%),
Mobile communication with nano SIM socket	GSM, 4G, LTE, WCDMA
Available configurable contacts	1 input, 1 output



# RIMONE LEAD

## CONNECT SERVICES

Enables you to move freely without worrying about the next charging.

The RIMONE LEAD connect services is a mobile application platform that allows the user to easily locate and operate the RIMONE charging network. The app will enable end-users to find the nearest charger while on the go. They reach the spot for instant plug and play. The rest of the things like status and payment can be done via our app with just a finger tip.



### Easy to Locate

Map navigation to spot the chargers while doing Daily errands

### Easy to operate

Just Plug and Go  
Start and stop on touch

### Realtime Status

Units consumed  
% age charged &  
time left

### Convenient Pay

Tariff based on units/time  
Various Payment methods

### Monitor Sessions

Track record your past charging sessions for better insights of your EV

### Customer Specific

Special billing for corporate, builders & fleet owners



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