



CHARGING INFRASTRUCTURE

for

eMOBILITY

RIMONE

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.

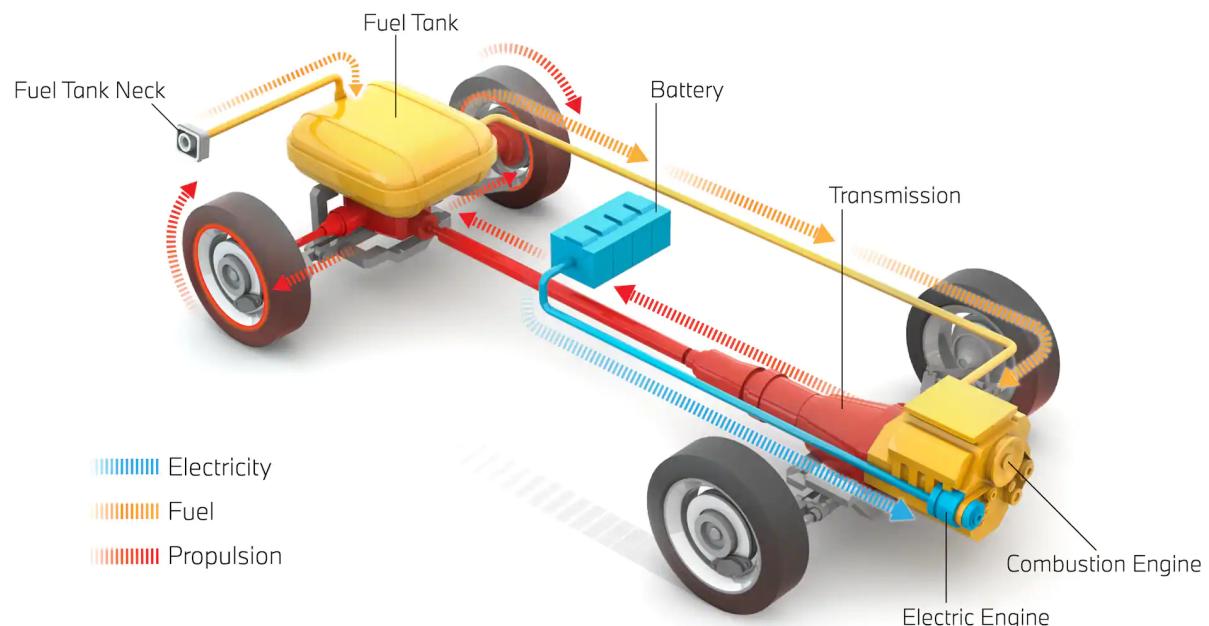
Chargers are tested for the top QA checks which ensure safety at each aspects. It can be easily aligned with the building's electrical distribution system. The shield safety includes protection from DC ground faults & over-voltage for users and cars.

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

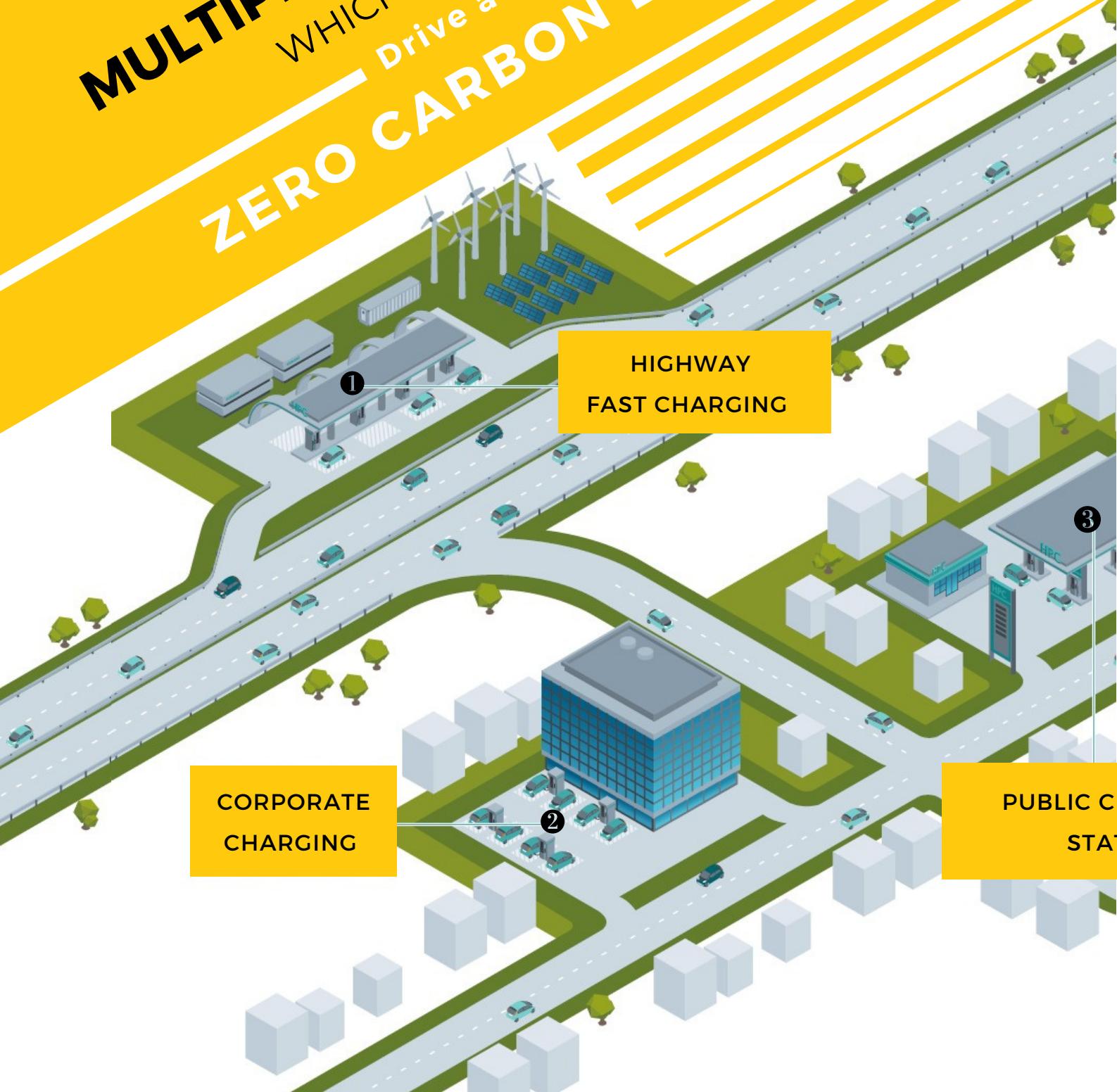
Pollution caused by these vehicles create an adverse effect to our nature. What future we want to create for our future gen., Polluted or Clean!!!

E-MOBILITY

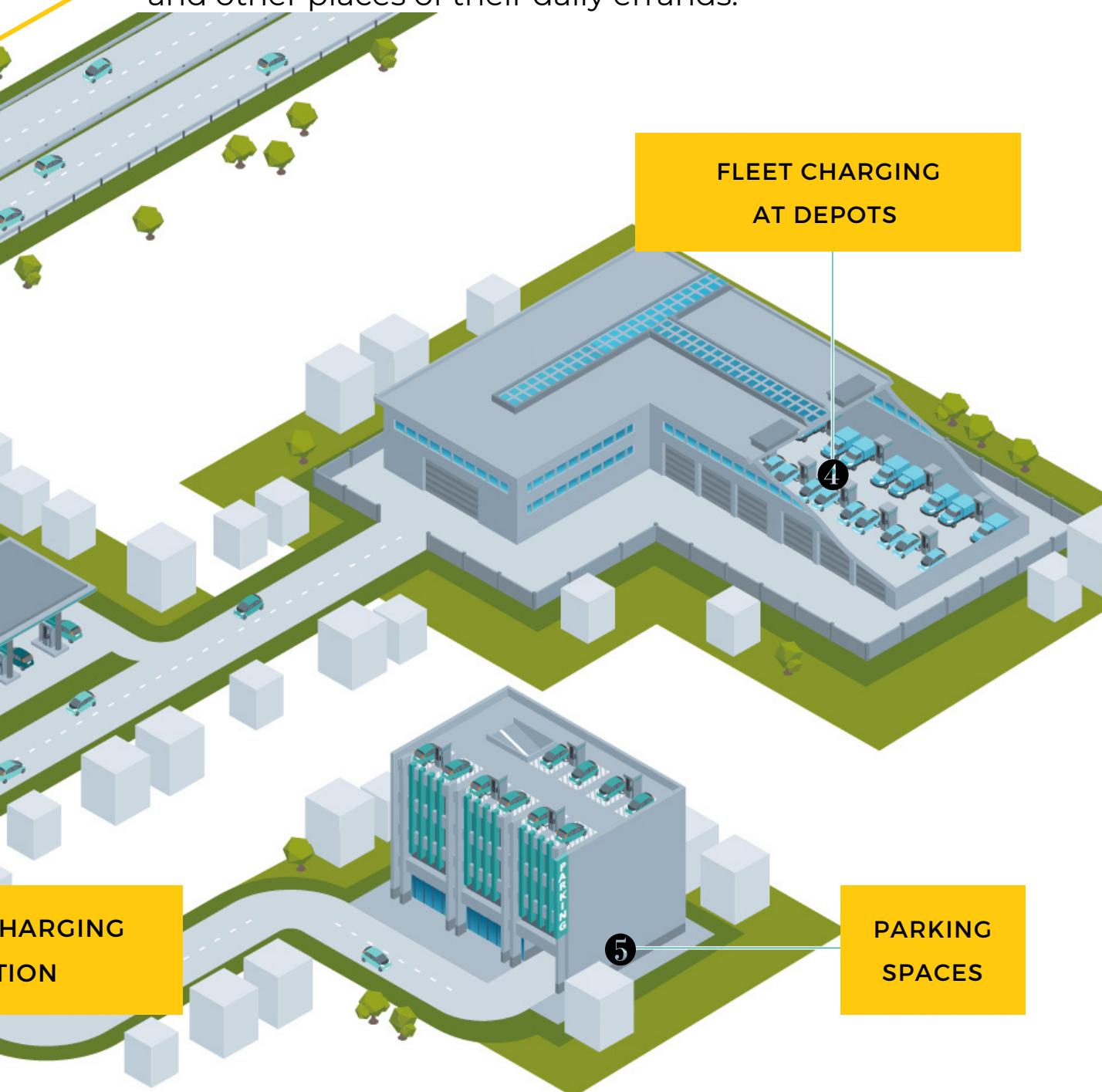
Its a beginning of new era of e-mobility. Where people will be driving technology-driven vehicles and all this required electric energy. Technology is the need of today's world, its better to adopt it and being part of it.

TECHNOLOGY with **MULTIPLE APPLICATIONS**

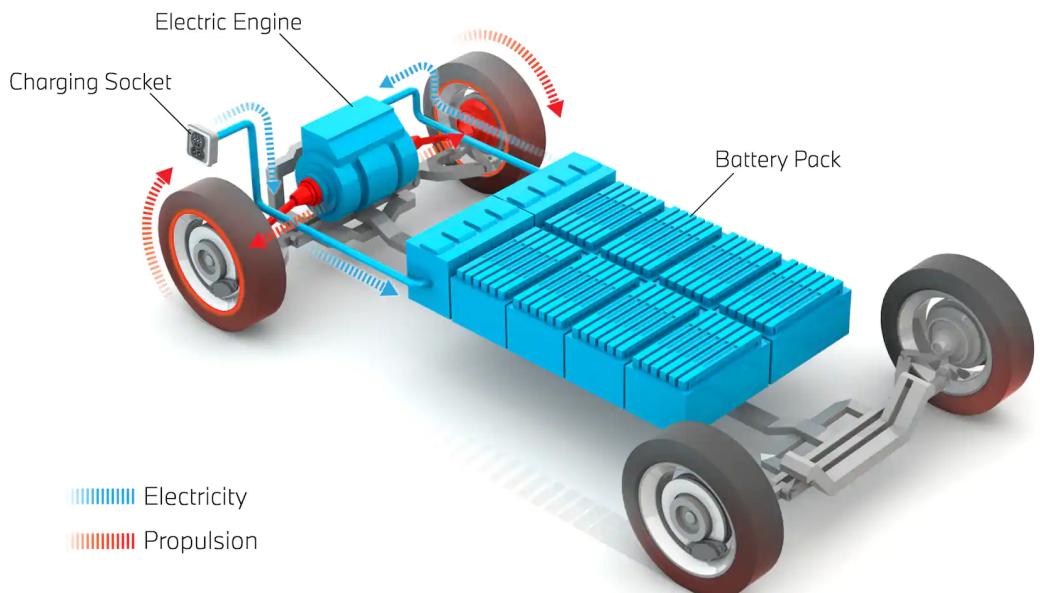
WHICH LETS YOU
Drive away with
ZERO CARBON EMISSION



E-mobility will going 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.



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 it 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

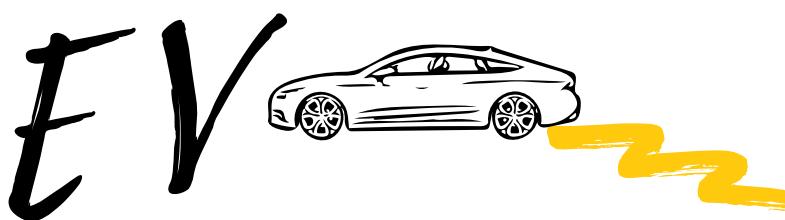
RIMone is the curated startup to provide the charging solution on the way for you. It is as easy as refuel the ICE vehicles. With RIMONE's superfast charger, an EV can be fully charged within 45min*.

CRAFTING
THE
FUTURE

SUPER FAST CHARGER

50 kW 

CAN CHARGE



IN JUST
30
MIN*



Technical Specifications

Product Information

Input/Output Power and current

50kW DC Charger

Output Voltage

Three Phase 50kW/125A

Power Factor

150-920VDC 50/60Hz

Dimensions (H x Dx W)

>0.94

Mass per Pc. (kg)

1900 x 780x 565 mm

Socket Type

350kg

Input AC Power connection

CCS 2 & CHaDeMO

IP and IK rating

3P + N + PE

Operating temperature

IP54 and IK10

Connectivity

-35°C to +55°C

User Authentication

Wi-Fi, Ethernet (RJ45)

Communication Protocol

RFID card

Efficiency

OCPP 1.6 and RS485/P1 for energy meter connection

Protection

94% at nominal Output Power

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

Safety Standards

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

Codes & Standards

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 BENERGY
STAR

Certification

CE, CB, MID, UL



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.

TYPE2 SOCKET



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

Realtime Status

Units consumed
% age charged & time left

Monitor Sessions

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

Easy to operate

Just Plug and Go
Start and stop on touch

Convenient Pay

Tariff based on units/time
Various Payment methods

Customer Specific

Special billing for corporate, builders & fleet owners





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