

# RAEDIAN

## RAEDIAN Netherlands B.V.

As a leading innovator in the EV charging industry, we are dedicated to excellence, delivering professional and reliable solutions that address the evolving needs of both our clients and the environment.

Our mission is to provide customers worldwide with economical, efficient, and environmentally friendly clean energy solutions, ensuring a seamless and user-friendly energy experience.

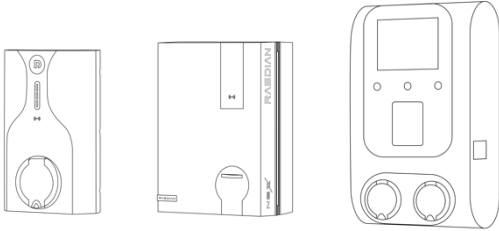


Make Every Charge Count

## Smart AC Wallbox

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Suitable for all charging scenarios, including **home**, **semi-public**, and **public charging**, with capacities ranging from **7 to 22 kW**. These EV chargers are downward compatible, providing versatile charging solutions.



## DC Fast Charging Station

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Delivering fast and efficient charging with power capacities ranging from **30 to 180 kW**.

Featuring a compact design and an advertising display, they support **card payment** and can integrate with third-party **OCPP backends**, providing versatile and user-friendly charging solutions.

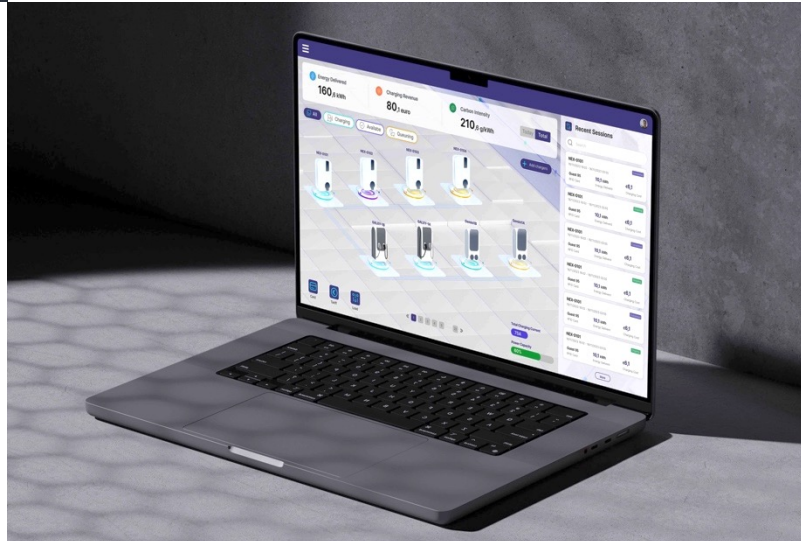


## Charging SaaS System

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RAEDIAN's SaaS creates a unified intelligent charging system with the user app, installer app, NEBULA CMS, EMS, etc.

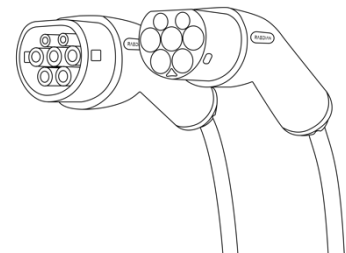
The user app enables real-time monitoring and remote control, the installer app streamlines setups, NEBULA CMS offers management and analytics, and EMS optimizes energy distribution. Combined with RAEDIAN's charging stations, this system ensures outstanding performance.



## Flexible Accessories

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Various accessories are offered for our charging stations to suit different user preferences. These accessories enhance the charging experience, ensuring convenience and addressing a range of needs.

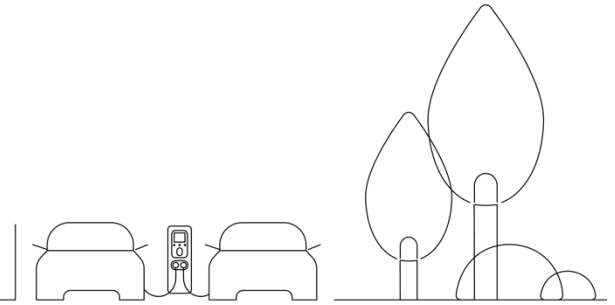


# QUALITY IS THE TOP PRIORITY.

We operate a **highly automated factory** supported by a sophisticated production management system, ensuring that every product meets the highest quality standards.

As a **Tier 1 supplier** compliant with **IATF 16949 standards**, we are committed to delivering superior quality and reliability in our manufacturing processes.

Through continuous technological advancements and process optimizations, our manufacturing system efficiently meets large-scale production demands while maintaining the flexibility to accommodate customization.



Our products and services have received key industry certifications and endorsements.

These recognize our product quality and professional services, offering extra trust and assurance to our customers.



Product certificates

CE/CB - TUV  
MID - SGS  
RoSH - PONY



Tier 1

IATF 16949: 2016



Quality. Environment. Safety.

ISO 9001  
ISO 14001  
ISO 18000



Product insurance

12 million per year



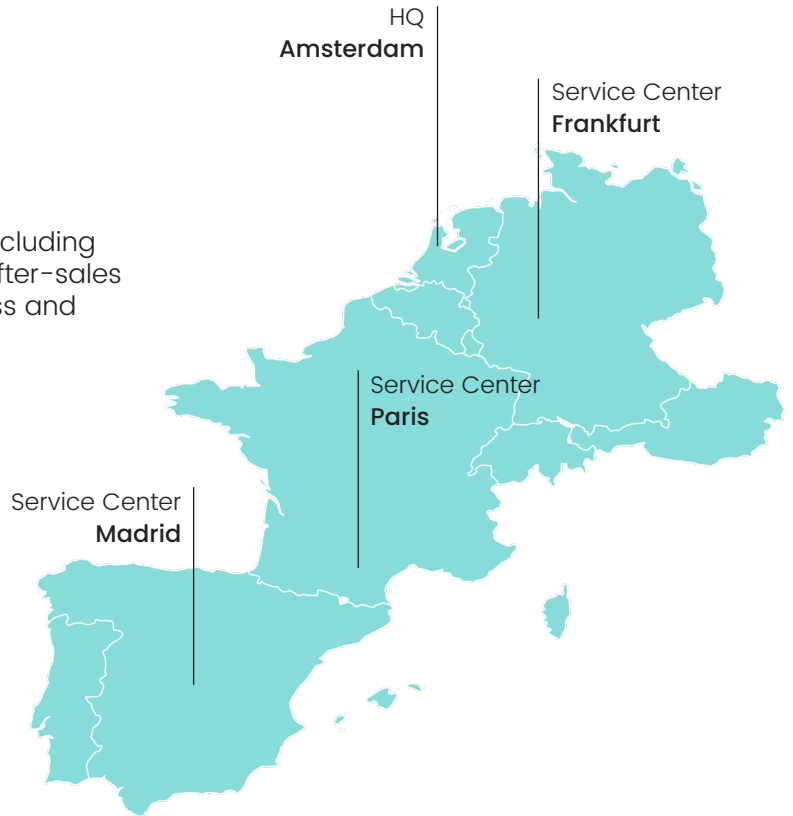
Global pre-sales and after-sales service with after-sales support within

# 24 hours.



We offer a full spectrum of integrated services, including demand analysis, product manufacturing, and after-sales support, ensuring our customers receive seamless and efficient support at every stage.

Our service philosophy is centered on the customer. We focus on helping clients achieve their unique needs and business goals, enhancing their competitiveness with customized solutions.



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# Millions

 of global deliveries.

We serve a diverse clientele, ranging from large enterprises to SMEs, and spanning traditional industries to emerging fields.

Our extensive market experience and numerous successful partnerships underscore this broad scope.

The diverse needs and challenges of our customers drive us to continually innovate and improve, deepening our understanding of the market.



# GEMINI

2×22kW  
Public Operational Charging Station



## Power Sharing

Dynamically sharing power between 2 EVs charging in parallel.



## Built To Last

Aluminum Alloy housing, IP55, IK10, designed to withstand harsh outdoor environments.



## Eichrecht(PTB) Compliant

Precisely accurate metering and tamper-proof security to provide trustworthy billing.



## Contactless Payment

Support Contactless credit card/debit card/mobile wallet, tap-and-go.



## Advertisement Display

8-inch high resolution display capable of streaming high quality pictures and videos.



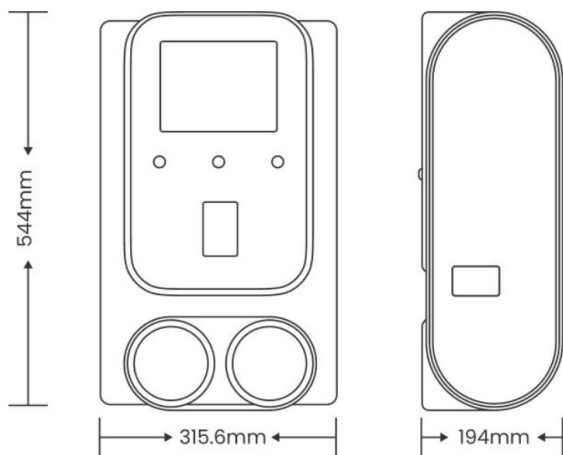
## Validated OCPP Interface

Integrated with multiple mainstream reputable third-party OCPP backends.



Product Series	Config	Std. WiFi+BLE		Remark
		MID	PTB	
GEMINI	RFID	✓	✓	4 configs in 1 colors = 4 SKUs, Stock 1 SKUs in Silver
	Payter	✓	✓	

# Technical Specifications



## Feature & Function

Charging mode	AC Mode 3
Charging connector	Dual IEC 62196 Type 2 Socket with Shutter
AC power output	Up to 22*2kW, with downgrade compatibility
AC power input	One input up to 64A per phase
Mounting options	Wall-mounted/ Pedestal/ Freestanding Pole
HMI	8-inch LCD, LED ring per connector, 3 buttons
Metering	MID class B/ Eichrecht compliant (optional)

## Communication

User authentication	RFID, App, Plug & Charge
Connectivity	4G, Ethernet
Backend protocol	OCPP 1.6 JSON
Software upgrade	OTA via App, OCPP, GMS (GEMINI management portal)

## Electrical Design

Power supply	Three phase: 230/400VAC $\pm$ 20%, 50/60Hz TN/TT
Protection	UVP, OVP, OCP, relay stuck, over temperature
Residual current protection	Type B RCBO according to IEC 61008, IEC 62423
Energy metering	$\pm$ 1% MID Class B certified

## General Design

Operating temperature	-30 ~ 50°C with derating mechanism (22kW*1, 11kW*2) -30 ~ 40°C with derating mechanism (22kW*2)
Operating altitude	2000m
Environmental rating	IP55, IK10 (housing), IK08 (Display), C4M (ISO 12944)
Dimension	544*315.6*194mm
Weight	19.5kg

## Compliance

Certification	CE (RED, MID, RoHS), CB, Eichrecht (Germany), LNE (France), UKCA
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# Accessories

Product	Product Name	Description
	Pedestal Model 3	Pedestal for Gemini, Protection Cabinet with DIN Rail
	Protection Components of Pedestal Model 3	Pre-installed protection components in the protection cabinet, 1* Type A RCBO, 5G25 Powerbus up to 80A
	RFID Card	RFID Card, Business, 20 Cards
	Charging Cable 22kw	Type 2 to Type 2 Cable, 22kW, 5m Type 2 to Type 2 Cable, 22kW, 7.5m