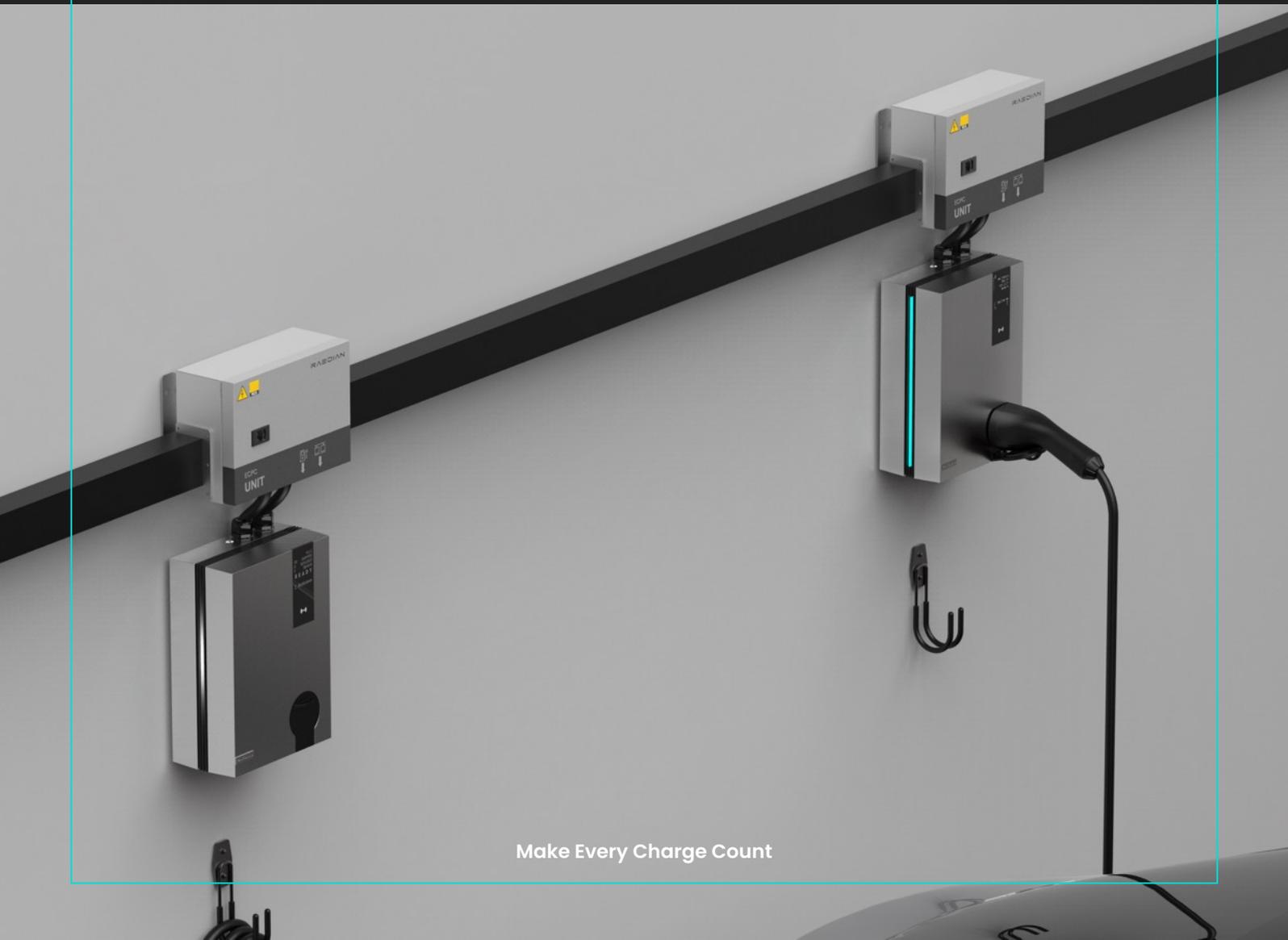


RAEDIAN

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.

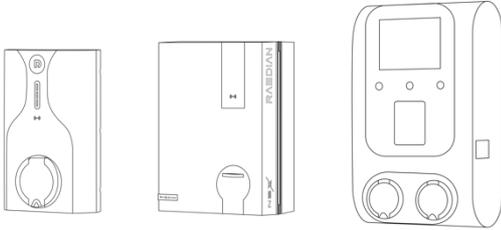
Our mission is to provide customers worldwide with economical, efficient, and environmentally friendly clean energy solutions, ensuring a seamless and user-friendly energy experience.



Make Every Charge Count

Smart AC Wallbox

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

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

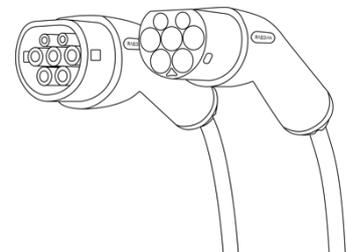
RAEDIAN's SaaS creates a unified intelligent charging system with the user app, installer app, NEBULA CMS, EMS, etc.

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

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.

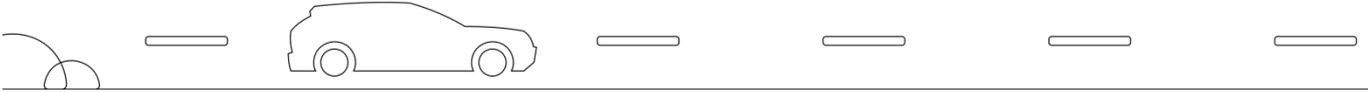
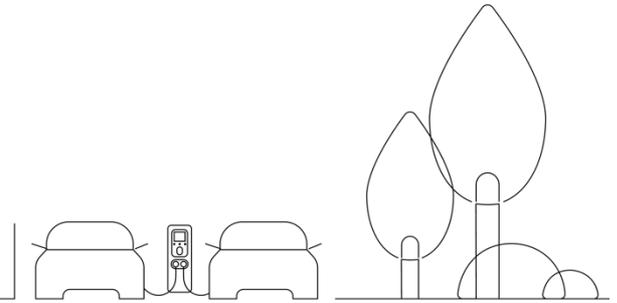


QUALITY IS THE TOP PRIORITY.

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



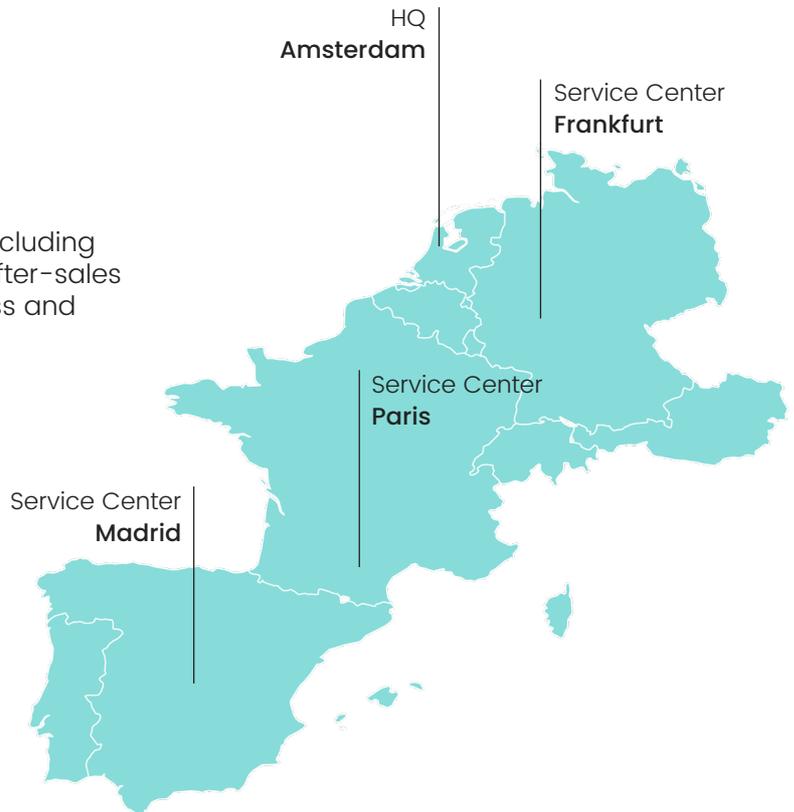
Global pre-sales and after-sales service with after-sales support within

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.



Follow us | RAEDIAN Global



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.



ECPC Unit

Up to 22kW
Pre-assembled Distribution Unit with RCD



Reliable outdoor installation

The ECPC Unit is built to last, designed, and approved for outdoor installation with IP65 and IK10 ratings.



Safeguard of the individual charging station

Ensure safe, reliable, and compliant operation of individual EV charging stations. Integrated Type B RCBO and Type II Surge Protection Device (SPD).



Built for busbar connection

The ECPC Unit is optimized for busbar-based, decentralized electrical installation, supporting up to 40A per phase in one circuit.



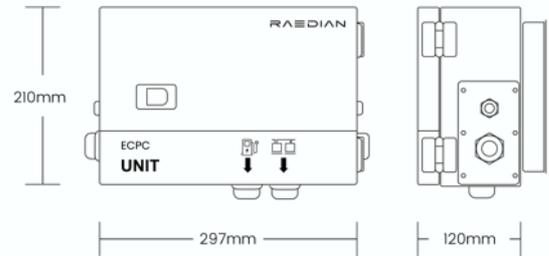
Daisy Chain Ready

The ECPC Unit is designed to provide busbar power distribution and daisy chain Ethernet cable connection, together with RAEDIAN NEX. Installing a charging site with multiple NEXs and an ECPC Unit upstream of each NEX could significantly save on installation costs and man-hours.



Product Name	Model	Part Number	Description
ECPC Unit, 40A, 1P, Type B	CDU-40A-1P-B	902500000101	ECPC Unit, 40A, 1P, Type B RCBO, 3G10 Power Bus
ECPC Unit, 40A, 3P, Type B	CDU-40A-3P-B	902500000102	ECPC Unit, 40A, 3P, Type B RCBO, 5G10 Power Bus
ECPC Unit, 40A, 3P, Type A	CDU-40A-1P-A	902500000201	ECPC Unit, 40A, 1P, Type A RCBO, 3G10 Power Bus
ECPC Unit, 40A, 3P, Type A	CDU-40A-3P-A	902500000202	ECPC Unit, 40A, 3P, Type A RCBO, 5G10 Power Bus
ECPC Power Bus Unit 5G25	PBU-5G25	902400000001	ECPC Power Bus Unit, 5G25 Power Bus

Technical Specification



Electrical Design

Wiring	3P+N+PE
Power supply	Single phase: 230VAC \pm 20%, 50/60Hz Three phase: 230/400VAC \pm 20%, 50/60Hz
Power bus	Up to 40A, 2.5mm ² -10mm ²
EV charging supply	Up to 32A, 2.5mm ² -6mm ²
Earthing system	TN/TT/IT
Mounting options	Wall or power bus mounting
Connectivity	From upstream: 2×LAN. To Charging Station: 2×LAN. To downstream: 2×LAN.

Residual Current Protection, RCBO

Standard	IEC/EN 61009-1 IEC/EN 62423
RCD type	Type A or Type B, AC 30mA, smooth DC 6mA, frequency up to 1kHz
Breaking capacity	6kA
Tripping curve	C

Surge Protection Device(optional)

SPD type	Type II
Nominal discharge current	5kA
Maximum discharge current	10kA
Maximum [up] voltage protection level	< 1.2kV

General Design

Operating temperature	-30 ~ 50°C
Operating altitude	2000m
Environmental rating	Indoor and outdoor, IP65, IK10
Dimension	297×210×120mm
Weight	3.3kg

Certification & Standards

EN 61439-3