

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.

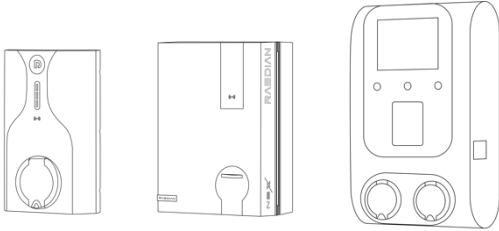
Our mission is to provide customers worldwide with economical, efficient, and environmentally friendly clean energy solutions, ensuring a seamless and user-friendly energy experience.



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**.

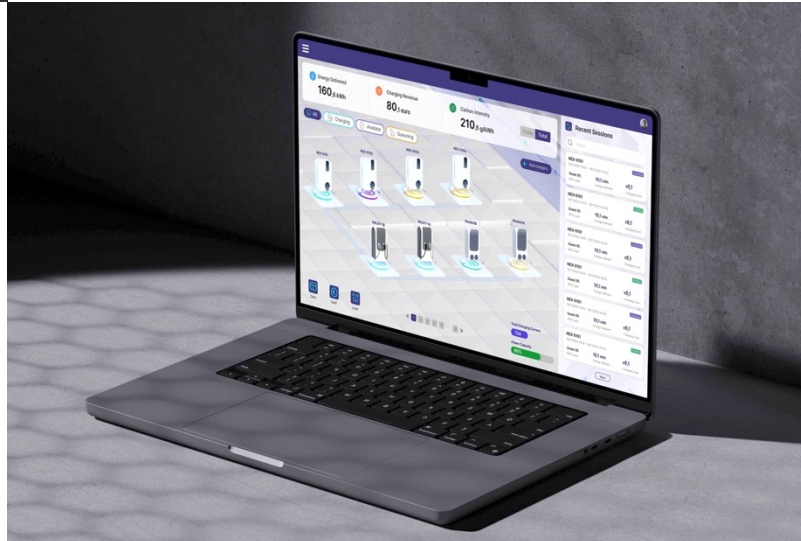
Featuring a compact design and an advertising display, they support **card payment** and can integrate with third-party **OCPP backends**, providing versatile and user-friendly charging solutions.



Charging SaaS System

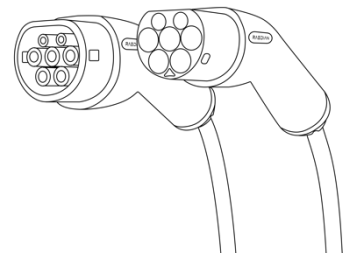
RAEDIAN's SaaS creates a unified intelligent charging system with the user app, installer app, NEBULA CMS, EMS, etc.

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.

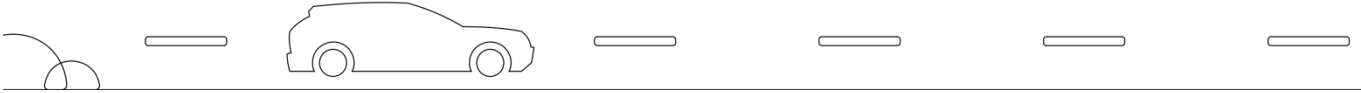
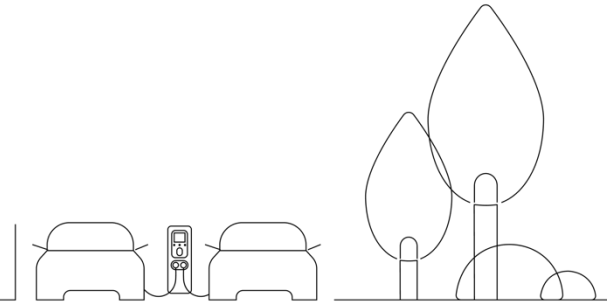


QUALITY IS THE TOP PRIORITY.

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



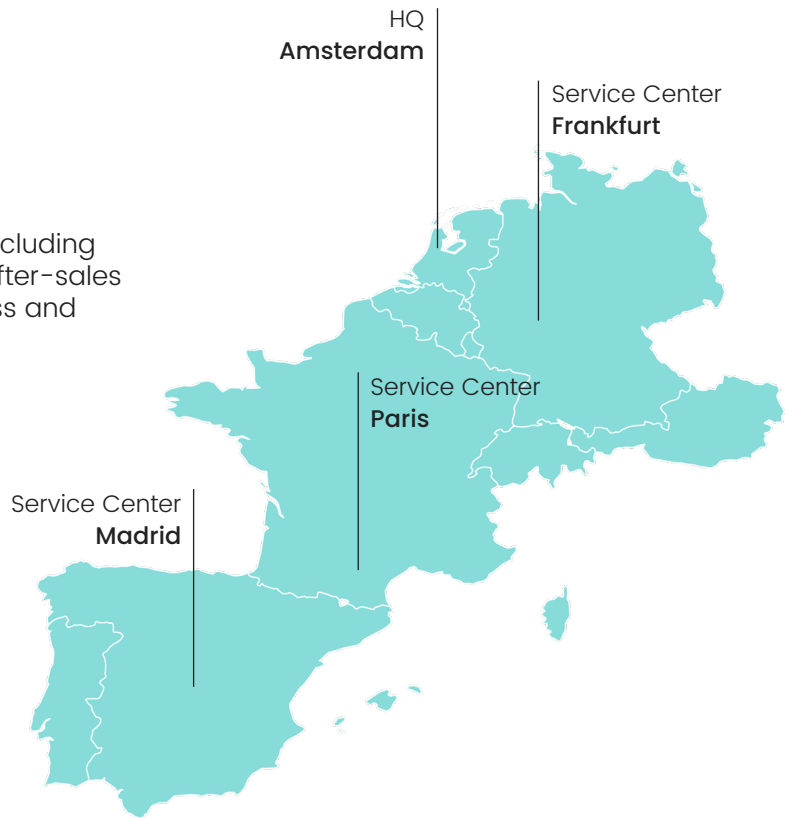
Global pre-sales and after-sales service with after-sales support within

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 Hub

Up to 170kW
EV Charging Power & Connectivity HUB



Reliable Outdoor Installation

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



Safeguard of The Charging Assets

Ensures safe, reliable, and compliant operation of EV charging stations. Features integrated surge protection for outdoor lightning and surges, as well as RCD protection.



Hassle-free Installation and Commission

The Hub is a pre-configured, pre-installed, plug-and-play system that requires only minimal effort to install a charging site and commission connectivity.



Safe, Simple and Scalable

Scale up the charging sites with the Energy Management System, both locally and remotely, to serve more EVs without a huge investment in upgrading the grid capacity.



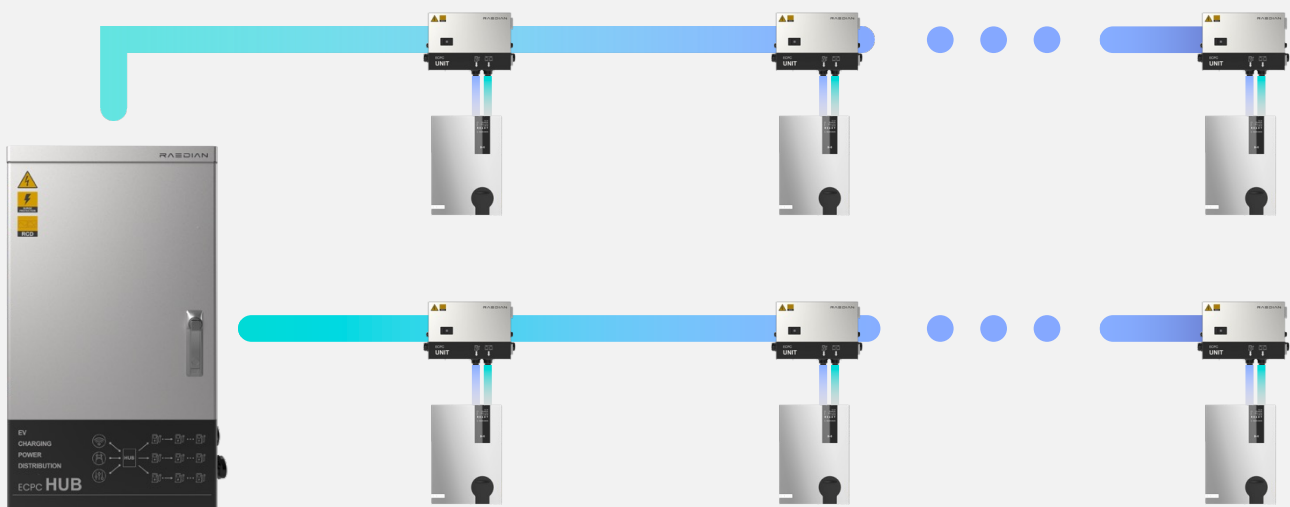
Maximize Cost Savings on Cable

Instead of feeding each EV charger from a centralized power station, the Hub can feed multiple chargers with one main service cable, significantly saving on power cable costs and installation man-hours.



Remote Monitor

Remote monitor the charging station status and load management 24x7 for safe operation and visualized insight into the power usage.



Product Name

Model

Part Number

Description

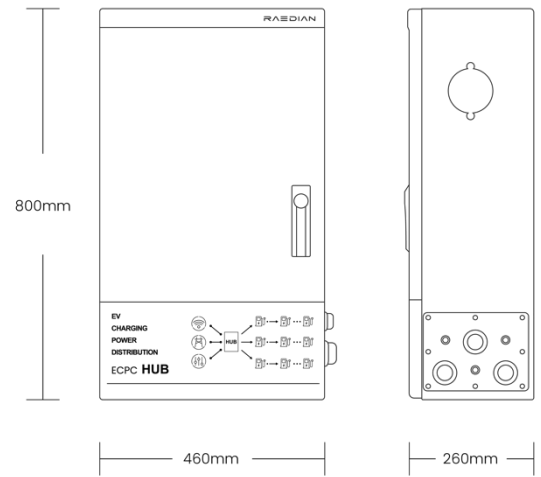
ECPC HUB 80A

CDH-80

902300000101

ECPC HUB, 80A, 3P+N, MID, 3 Way, Type 2 SPD

Technical Specification



Electrical Design

Model	CDH-80A
Wiring	3P+N+PE
Power supply	Single phase: 230VAC \pm 20%, 50/60Hz, Three phase: 230/400VAC \pm 20%, 50/60Hz
Main circuit rating	80A
EV charging circuits	1 circuit x 80A
Earthing system	TN/TT/IT
Mounting options	Wall-mounted / free-standing with solid ground / soil incorporated with base

Main Circuit Breaker

Standard	IEC EN 60947
Tripping type	TMD, Thermal Magnetic unit used in Distribution
Breaking capacity	25kA
Rated impulse voltage	8kV
Protection	Short circuit
Remote shutdown/recovery	Optional with EMS

Surge Protection Device

SPD type	Type II (Type I+II as optional)
Nominal discharge current	12.5kA
Maximum discharge current	50kA
Maximum [up] voltage protection level	<1.4kV
Maximum impulse voltage	6kV

Metering

Accuracy class	Class B
Sampling method	CT clamps

Residual Current Protection

RCD type	Type A, IEC 61009 in auxiliary circuit
Curve	Curve C

General Design

Operating temperature	-30 ~ 50°C
Operating altitude	2000m
Environmental rating	Indoor and outdoor, IP65, IK10
Dimension	800×460×250mm
Housing material	Stainless Steel SUS304
Weight	25kg

Certification & Standards

IEC/EN 60947, EN 61439-3, EN 50470, IEC 61009

