Empower your transition

Seamless, efficient commercial EV charging solutions

Commercial EV Charging Solutions

HUMAX EV CHARGING

A journey of continuous innovation - since 1989

Since 1989, HUMAX has become a leading provider of mobility solutions, offering advanced technologies for global operators, including a robust mobility service and hub platform. Our commitment to ongoing R&D drives our position as a premium gateway developer.

Our mobility hub supports diverse solutions, from parking and shared mobility to smart buildings, fleet management, and EV charging for home and commercial use.
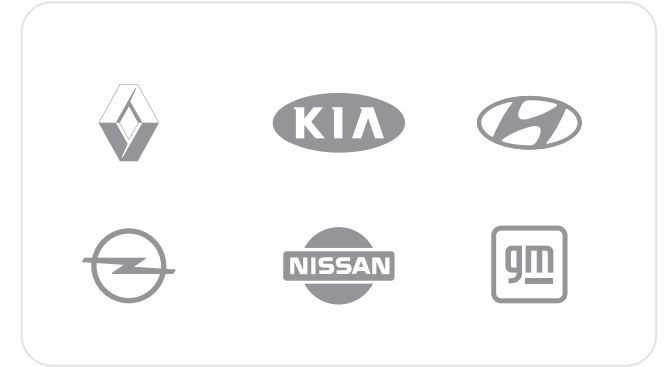
We partner with major vehicle brands for infotainment and IoT solutions in elder care and recycling management, and we develop recycling-focused content.

HUMAX AUTOMOTIVE   **FLEETUP**   **WINNERCOM**   **DIGIPARTS**

2011	2017	2018

Car Infotainment System | Fleet Management Service Platform | Smart Antenna | Car Sharing Platform (Mobility Device Platform | Multi-Mobility Service Operator
In-house test bed

With subsidiaries operating in over 20 countries around the globe, Humax has a proven track record in delivering telecommunications, mobility, and networking solutions.

In line with our commitment towards Innovation and Sustainability, we introduced our first EV Charging product in early 2024.
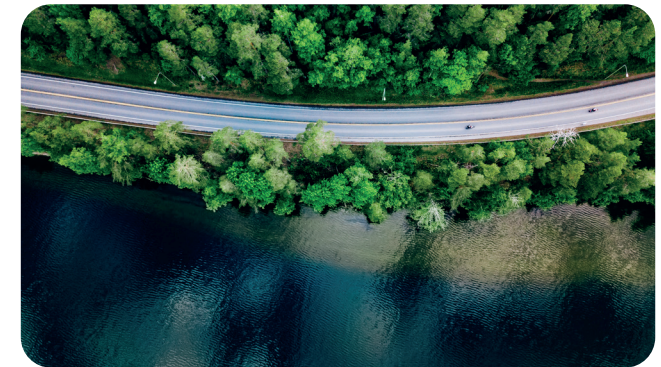
We're committed to driving a sustainable future by continuous innovation in accessible and efficient EV charging solutions.

HI PARKING

altimobility

HUMAX EV

HUMAX EV CHARGING

2019

2020

2022

2024

Parking Service Operator
In-house test bed

Mobility Service Platform

Smart Parking Platform

EV Charging Platform / Service Provider

EV Charging Solution

Humax EV Charging

Empower your transition to electric mobility with Humax

Humax provides seamless and efficient commercial EV charging solutions tailored to your business. Benefit from ultra-fast charging (up to 22kW) and nationwide installation for a hassle-free experience.

Our innovative Monta-powered smart chargers include features such as RFID, Wi-Fi, and Ethernet connectivity. They are an ideal solution for apartment buildings, office blocks, retail spaces, and local authorities.

Plus, unlock new revenue streams with our scalable, UKCA/OZEV-compliant solutions. Provide customers and tenants with reliable charging while reaching your sustainability goals.

Make the switch to Humax today, and lead the charge into a sustainable future!

Seamless Installation

- Nationwide installation
- Dedicated post-installation support

Ultra-fast Charging

- Charging with up to 30 kW
- Universal Type 2 Socket

Smart Features
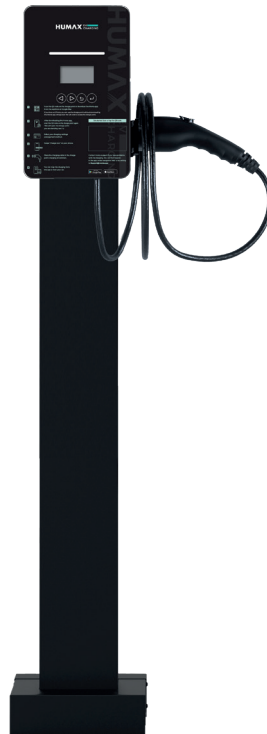
- Powered by Monta
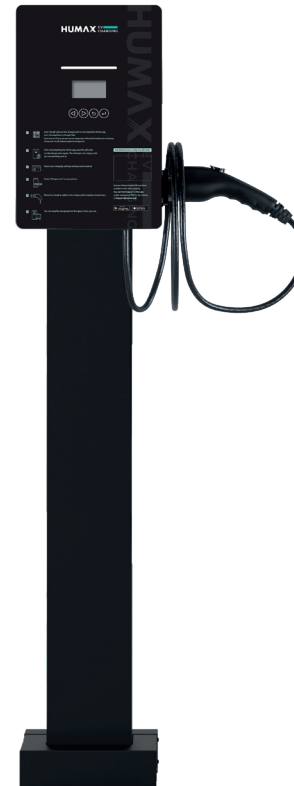- Integrated RFID, Wi-Fi & Ethernet

Proven Hardware

- UKCA, OZEV compliant
- Reliable and scalable

Advanced, scalable EV charging solutions designed for commercial needs

AC Chargers

DC Chargers

7kW `AC`
Pole-stand & wall-mount

22kW `AC`
Pole-stand & wall-mount

30kW `DC`
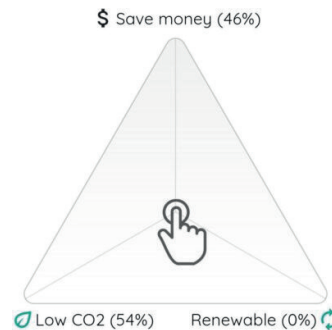Pole-stand & wall-mount

Powered by
Monta

Powered by Monta

Save money or cut your CO2 footprint

Simply set your preference in the app and automatically charge your car the way you want to.

» Prioritise renewable energy

» Save money on electricity

» Lower your CO2 emissions

$ Save money (46%)
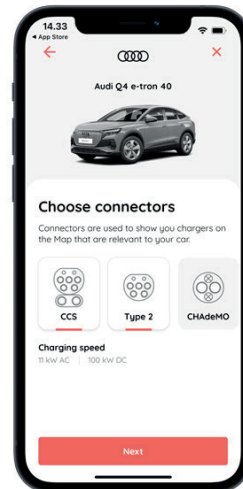
Low CO2 (54%)   Renewable (0%)

Connect to your car for greater insights

Thanks to Monta's partnership with Enode, it is now possible to integrate your car with the Monta system.

When you choose to integrate your car, you give our system access to information about your car, such as:

» SoC (State of Charge)

» Charging Rate

» Scheduling

» Charging Statistics

and much more!

Turn your EV charger into a profit centre

Make your charge point publicly available and earn money while sharing it. Switching to Public Mode will allow Monta users to find your charge point and charge at it. Bill at the price you set and receive payment via Monta Wallet.

You can also:

» Create a schedule to switch between Public and Private mode to suit your business needs.

»   Place a Monta sticker on your charge point so EV drivers can also charge without a Monta account or the app.

200,000 charge points across the UK and Europe at your fingertips

Connect to a super network of charge points across the UK and Europe. With Monta in your hand, you never need to worry about finding a place to plug in. Leave range anxiety behind and go where the mood takes you.

» Get access to 200,000 public charge points

» Seamless payment with multiple options

» Easy navigation to available charge points
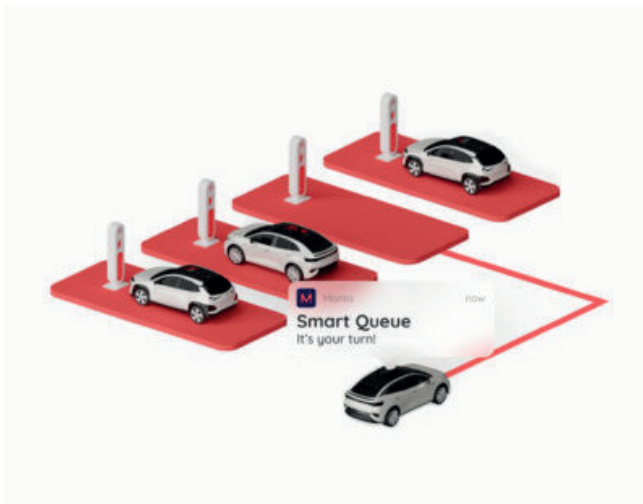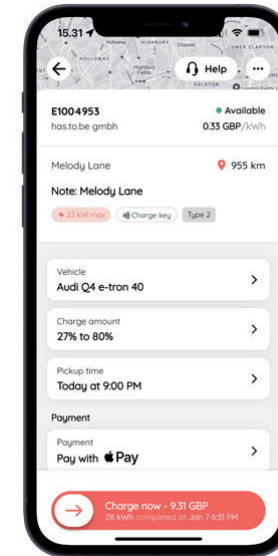
Need Help?

» Monta offers 24/7 support to help make your travel experience as stress free as possible.

» Immediate help is available via the Monta app if you ever find yourself stuck while trying to charge up.

» Simply click the "Help" button and the support team will come to the rescue!

Turn your property into an EV charging destination

Unlock new revenue potential by transforming your property into a charging hub with our commercial EV solutions.

Create New Revenue Streams

Set your own rates and generate consistent income by offering paid EV charging services to residents and visitors.

Meet Sustainability Goals

Actively contribute to reducing greenhouse gas emissions, attract environmentally-conscious customers & support clean energy initiatives.

Scalable Solutions

Our commercial EV charging systems are designed to grow with your property's needs, ensuring you can easily expand as demand rises.

Receive Comprehensive Support

From installation to ongoing maintenance, our nationwide expert team ensures seamless setup and hassle-free operation, maximising your ROI.

Sectors we Power

EV charging solutions for a range of sectors

Humax delivers efficient EV charging solutions for a range of sectors, including residential complexes, workplaces, retail spaces, municipalities, and fleet operations.

Our systems offer reliable, scalable infrastructure tailored to meet evolving commercial needs.
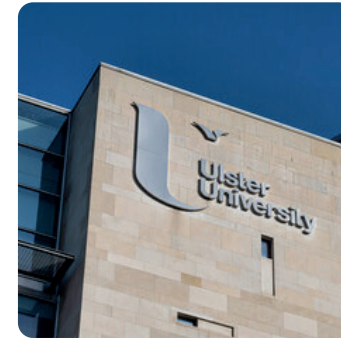
Supporting both sustainability efforts and operational efficiency, Humax enables businesses to adapt to the growing demand for electric mobility.
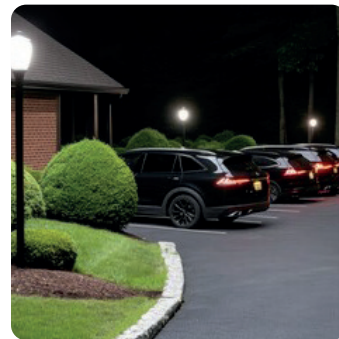
Apartment Buildings
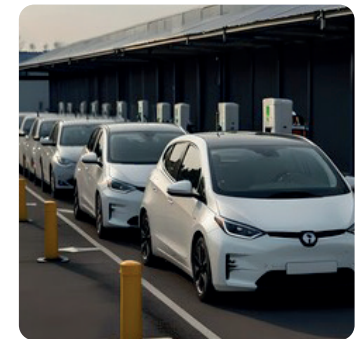
Office/workplace

Education

Retail

Commercial parking

Hospitality

Fleet

Charging hubs

How Humax EV partnered with Respirex to enhance sustainability while driving growth

Background

Respirex International, a leading provider of personal protective equipment partnered with Humax EV to implement a sustainable EV charging solution that would reduce its carbon footprint and encourage the use of electric vehicles by staff and visitors.

Solution design

Humax EV designed and installed a network of smart commercial EV chargers. The scalable system provides efficient energy management and real-time data monitoring, enabling rapid charging and accommodating future expansion.

Commercial impact

Since the installation, EV usage among employees has risen, contributing to the company's sustainability targets. The charging stations have created a new revenue stream and enhanced Respirex's brand image. The company now benefits from a reliable, future-proof solution that aligns with its green initiatives.

Specifications

MODEL	7kW AC	22kW AC	30kW DC
Input			
Power Supply	Single-phase	Three-phase	Three-phase
Rated Voltage	230V AC	400V AC	400V AC
Rated Current	32A	32A	45A
Frequency	50/60Hz	50/60Hz	50/60Hz
Output			
Output Voltage	230V AC	400V AC	150 - 1000V DC
Maximum Current	32A	32A	75A
Rated Power	7kW	22kW	30kW
User Interface			
Housing Material	Plastic PC940	Galvanized Steel	Galvanized steel housing and Tempered glass screen
Charge Connector	Type 2 Socket		CCS2
LED Indicator	Green/Yellow/Red		
RFID Reader	Mifare ISO/IEC 14443 A		
Start Mode	Plug&Play/RFID card/App/QR Code		
Communication			
Communication	Wi-Fi and Ethernet. Optional: 4G		
Protocol	OCPP 1.6Json		
Safety			
Energy Meter	MID Certified		
RCD/RCBO	Built in 6mA DC protection, Type A RCBO with 30mA earth leakage protection and 40A current rating		N/A
Ingress Protection	IP54		
Impact Protection	IK08		
Electrical Protection	Over current protection, Residual current protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection, PEN Fault Protection		
Certification and Standard	CE/CB EN/IEC 61851-1: 2019, EN/IEC 61851-21-2: 2018, EN/IEC 61000-6-1:2019, EN/IEC 61000-6-2:2019, EN/IEC 61000-6-4:2019. EN 61000-6-3:2007+A1 UK EVSCP 2021 Regulation		EN IEC 61851-1 :2019, EN 61851-23 : 2014, EN 61851-24:2014 EMC: EN 301489-1 V 2.2.3:2019 EN 301489-3 V 2.1.1:2019 EN 301489-17V320:2017 ENIEC61000-6-2:2019 EN IEC 61000-6-4: 2019 EN EC 61851-21-2:2021 EN EC 62311:2020W
Warranty	2 years		
Environment			
Installation	Wall-mount and Poll-stand option		
Work Temperature	-30°-+50°		
Work Humidity	5%-95%		
Work Altitude	<2000m		
Package			
Product Dimension	356 x 221 x 136mm (L x W x H)	452 x 295 x 148mm (L x W x H)	560 x 707 x 217mm (L W x H)
Package Dimension	480 x 430 x 330mm (L x W x H)	570 x 390 x 220mm (L x W x H)	762 x 847 x 420mm (L x W x H)
Net Weight	3.1kg	10.0kg	35.7kg
Gross Weight	3.5kg	12.5kg	40.0kg
Standards			
Approval	UKCA, OZEV		

RUSSIA

GERMANY

HQ @ S. KOREA

USA

TURKEY

China

UK

FRANCE

THAILAND

ITALY

JAPAN

UAE

INDIA

BRAZIL

AUSTRALIA
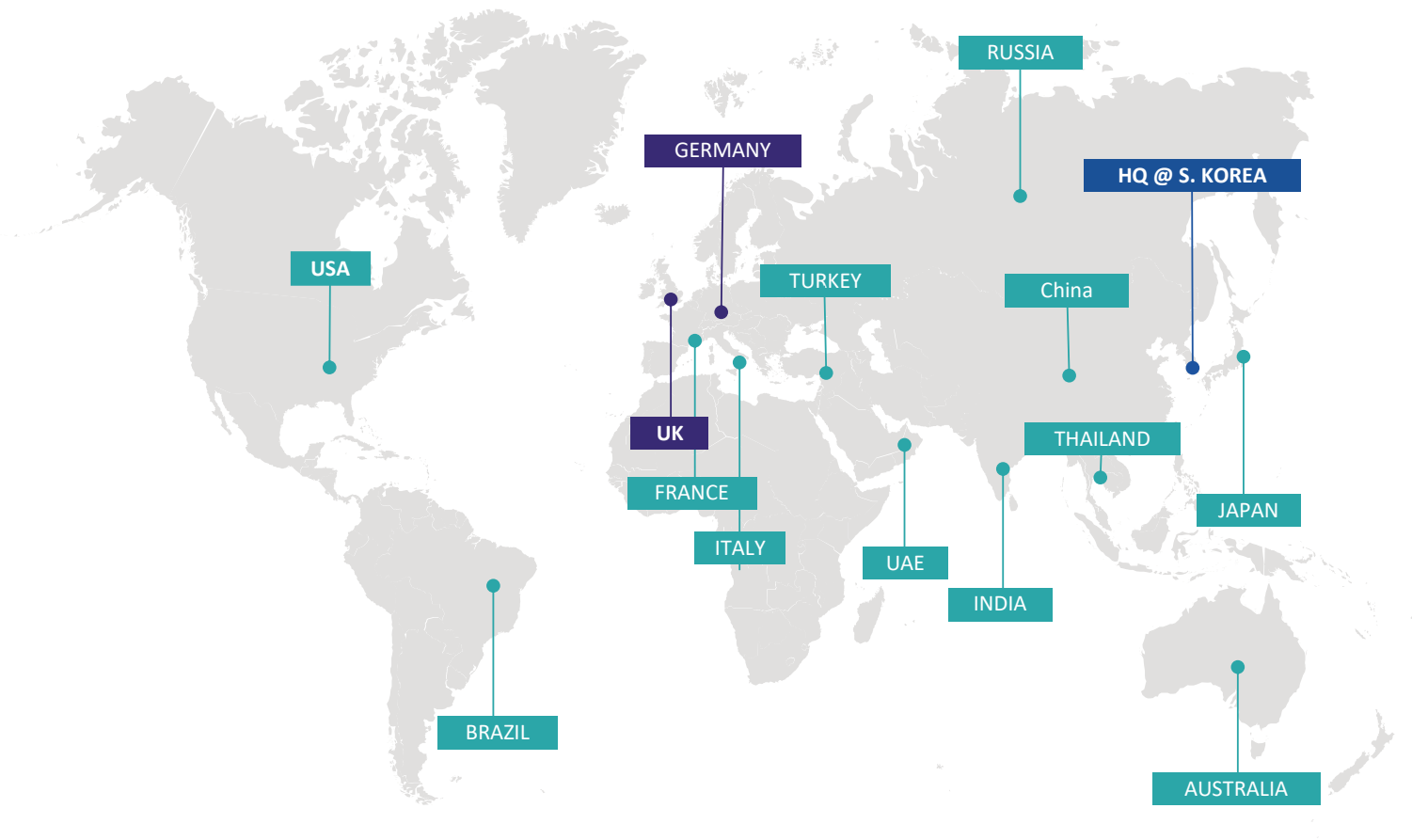
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Scan to learn more

HUMAX EV CHARGING

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