HUMAX EV CHARGING

MX7 | First V2G Ready Home Charger

SOCKET   TETHERED

Experience efficient charging and greater savings with the Humax MX7. Designed for home charging convenience, it also supports business fleet charging at home with a built-in **PLC module**, **ISO15118 protocol** enabled and seamless 3P SW integration.

Its intelligent charging system optimizes energy use through customizable charge levels and schedules. Compatible with a wide range of EV tariffs, it ensures maximum flexibility and cost savings. Elevate your EV experience with a customizable, stylish design that blends seamlessly into any environment while delivering cutting-edge performance.

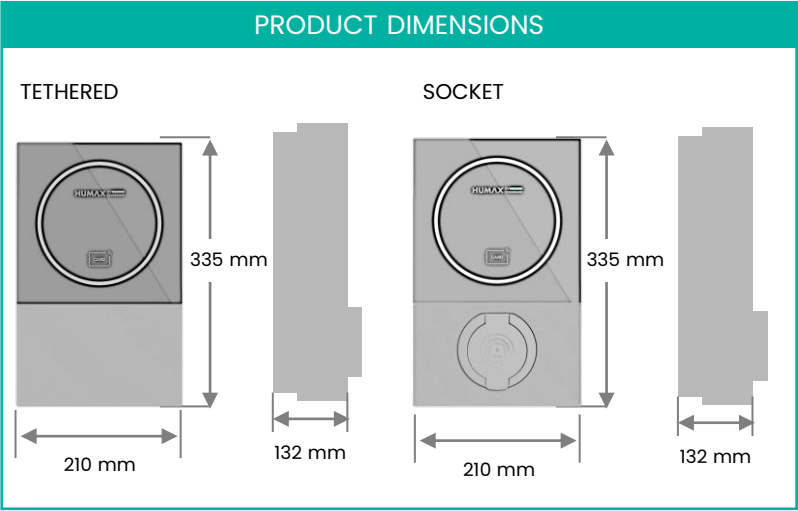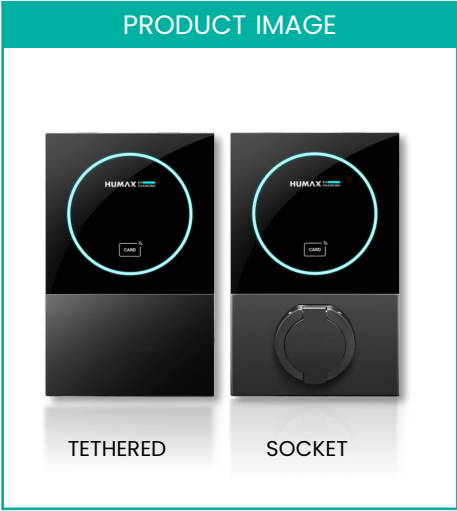| Built-in PLC module | Intelligent Charging | HEMS integration ready | ISO 15118 protocol enabled | **V2G** V2G ready* from HW |

V2G functionality requires collaboration between vehicle manufacturers, energy tariff providers, and your local grid operator. Availability of V2G may vary depending on region, vehicle compatibility, and local infrastructure. Selling power back to the grid may need a software subscription

HUMAX EV CHARGING

SPECIFICATIONS

PRODUCT IMAGE

TETHERED   SOCKET

PRODUCT DIMENSIONS

TETHERED

335 mm
210 mm
132 mm

SOCKET

335 mm
210 mm
132 mm

SPECIFICATIONS

	Model	Tethered	Socket
Input	Power Supply	Single-phase	
	Rated Voltage	230V AC	
	Rated Current	32A	
	Frequency	50Hz	
User Interface	Charge Connector	5M and 7.5M cable length	Type 2 Cable socket
	Housing Material	PC/ASA	
	LED Indicator	White/Blue/Green/Yellow/Red	
	RFID/NFC	ISO/IEC 14443 Type A (Mifare Classic, 13.56 MHz)	
	Start Mode	Plug&Play/RFID card/App	
Communication	Communication	Wi-Fi, Bluetooth LE and Ethernet (4G Optional)	
	Protocol	OCPP 1.6J	
Safety	Ingress Protection	Tethered: IP65	Socket : IP54
	Impact Protection	IK10	
	Electrical Protection	Over current protection, Residual current protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection, PEN fault protection, Tamper protection	
	Certification and Standard	BS EN IEC 61851-1:2019, BS IEC 62955:2018, BS EN IEC 61851-21-2:2021, BS EN IEC 61000-6-1:2019, BS EN IEC 61000-6-3:2021, EN 301 489-1 V2.2.3:2019, EN 301 489-3 V2.3.2:2023, EN 301 489-17 V3.2.4:2020, EN 300 330 V2.1.1:2017, EN 300 328 V2.2.2:2019, BS EN IEC 62311:2020, BS EN IEC 62311:2020, BS EN IEC 63000:2018, BS 7621:2018, EN 303 645, IEC 62196, ISO 15118 ready, UK EVSCP Regulation 2021	
	Warranty	Up to 5 years*	
Environment	Installation	Wall-mount and Pole-stand (option)	
	Work Temperature	-30°C ~+50°C	
	Work Humidity	5%~95%	
	Work Altitude	<2,000m	
Dimensions	Product Dimension	335mm x 210mm x 133mm	335mm x 210mm x 144mm
	Package Dimension	460mm x 329mm x 276 mm	460mm x 329mm x 183mm
Weight	Product (Net)	5m : 4.72 kg | 7.5m : 5.43 kg	3.25 kg
	Packaging (Gross)	5m : 7.0 kg | 7.5m : 7.7 kg	5.2 Kg

*The above information is generally descriptive only and is not intended as guarantee or warranty
**Humax reserves the right to alter or amend the design, model and specification without prior notice.

www.humaxcharging.com/uk

PRODUCT FEATURES

Intelligent Charging
Set a **preferred charge level** and "**ready by" time** for optimized, energy-efficient charging.

EV Tariff Compatibility
Woks with wide range of EV tariffs for maximum flexibility and cost savings.

Maximize Savings with Surplus Solar
Automatically **use extra solar energy** after meeting home needs, with alerts for surplus power.

Overcharge Protection
Prevents the EV battery from overcharging enhancing battery life and safety.

Built-in Temperature Sensor
Automatically adjusts charging based on internal temperature to prevent overheating.

Tamper Protect Switch
Advanced protection against unauthorized access, misuse, or tampering with the charging unit.

Autocharge (ISO15118-3)
Automatically identifies the vehicle and authorizes charging and payment. No need to use an app or RFID cards by ISO15118 protocol.

3P SW integration
Integration capable with leading 3P apps, allowing charging sessions for business vehicles at home to be automatically synchronized.

Charging Session Tracker
PLC helps identify business and personal charging sessions, filtering them for fast, easy processing and fraud prevention.

Swappable Front Facia
Match your charger with your home or business environment for a sleek, customized look.

Tethered   Socket

Up to 5-year warranty

Trusted CE brand with 25 years in the UK
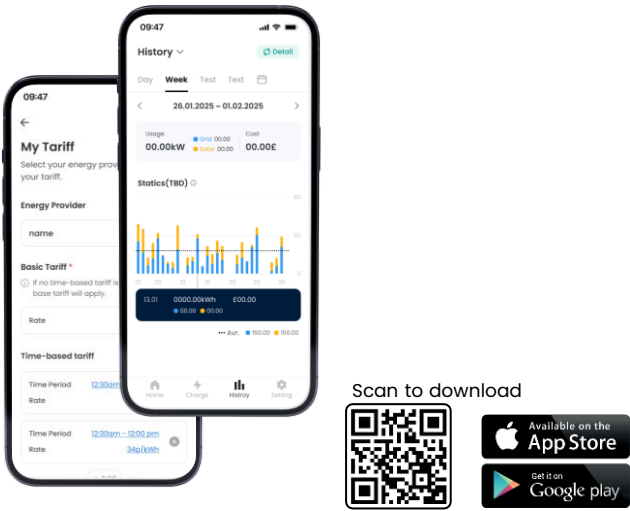
Compatible with all EVs and PHEVs

OZEV approved

UK local call center operation

Fully compliant with UK regulations

HUMAX CHARGE APP

Scan to download

Available on the App Store

Get it on Google play

✓ Smart Scheduling
Schedule charging times to fit your routine and make the most of off- peak energy.

✓ Flexible Charging Modes
Choose from App mode, RFID mode, or Instant charging to match your needs.

✓ Solar-Powered Charging
Utilise off-peak, solar, or renewable energy sources for intelligent EV charging.

✓ Easy and simple set up
Our easy-to-use Installer App walks you through the setup process in minutes.

Humax Charge User App

Get full control of your EV charging, it's simple to use and easy to set up.

Humax Installer App

Our dedicated installer app for qualified electricians allows easy installs, onboarding, and activating the Humax EV Charger.

Support Hub

Installation videos, troubleshooting and FAQs are available at: humaxcharging.com/support hub

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ENQUIRIES

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