

MX7 | V2G Future-Ready Home Charger



The **Humax MX7** is a next-generation home EV charger designed for smarter, greener, and more secure charging. With built-in vehicle identification, intelligent tariff management, and seamless solar integration, it delivers maximum efficiency and cost savings. Its sleek, weather-resistant design, advanced safety features, and installer-friendly layout make it as practical as it is stylish. Paired with the Humax Smart App for full remote control, live monitoring, and future-ready V2G and V2H capabilities, the MX7 is built to power your EV today – and tomorrow.



Built-in PLC module



Intelligent Charging

V2G

V2G Future-ready* from HW



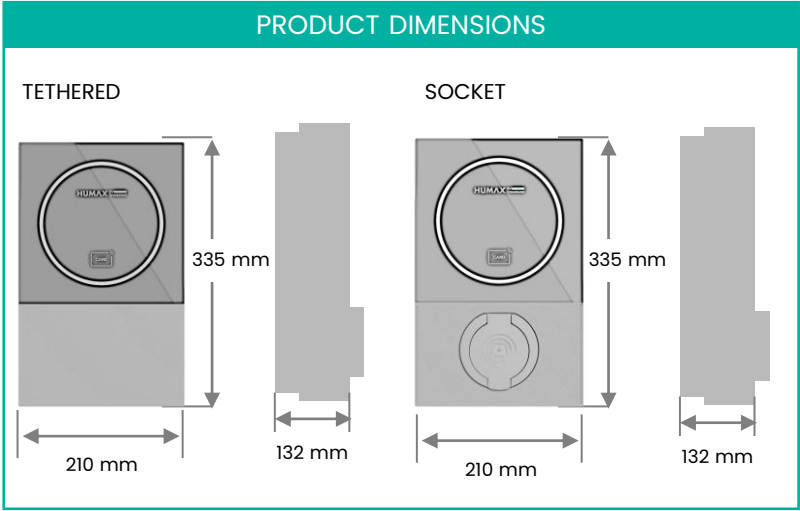
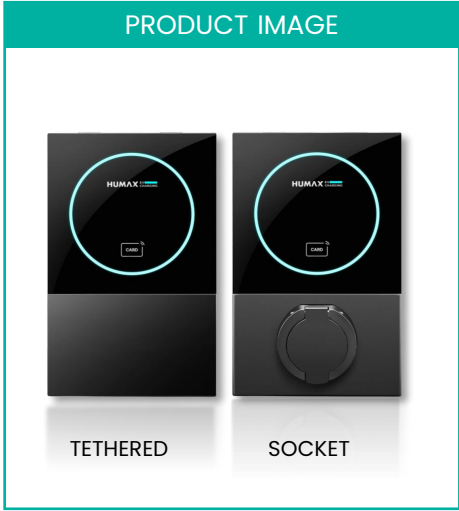
ISO 15118 protocol enabled



Scan to learn more

Please note : Vehicle-to-Grid (V2G) and Vehicle-to-Home (V2H) functionality is not controlled by the EV charger itself. While the MX7 is V2G-hardware ready—meaning it includes the necessary PLC module and supports the ISO 15118 protocol. The actual ability to use V2G or V2H depends primarily on your vehicle manufacturer enabling this feature. V2G capability also requires collaboration between your vehicle, energy tariff provider, and local grid operator. Availability can vary depending on your region, vehicle compatibility, and local infrastructure. In some cases, selling power back to the grid may also require a software subscription. We recommend checking your vehicle model and make and energy provider for the most up-to-date information on V2G readiness and support

SPECIFICATIONS



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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 (optional)	
	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.

PRODUCT FEATURES



Vehicle Identification

Built-in PLC module and ISO 15118 protocol instantly recognise your EV, ensuring only your vehicle can charge – preventing energy theft and enhancing security.



Humax Intelligent Charging

Combines automatic vehicle recognition and tariff-based scheduling to optimise charging, cut costs, and make the most of off-peak rates



Auto Solar – Seamless Solar Charging

Charges your EV with clean solar power, only diverting excess energy after your home's needs are met – maximising efficiency and reducing grid reliance.



Swappable Front Fascia

Customisable front panel to match your home, brand, or style – blending in or standing out as you prefer..



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.



Sleek, Installer-Friendly Design

Weather-resistant, minimalist design with an easy front-opening door for quick, hassle-free installation.

FUTURE CAPABILITIES



Future-Ready with V2G

Bi-directional hardware ready for Vehicle-to-Grid and Vehicle-to-Home, enabling energy sharing once supported by your vehicle and provider.



Smart Tariff Integration

Upcoming integration with energy providers to charge at the cheapest or greenest times automatically, using real-time tariff data.

Tethered

Socket



Up to 5-year warranty

Trusted CE brand with 25 years in the UK

Compatible with all EVs and PHEVs

OZEV approved

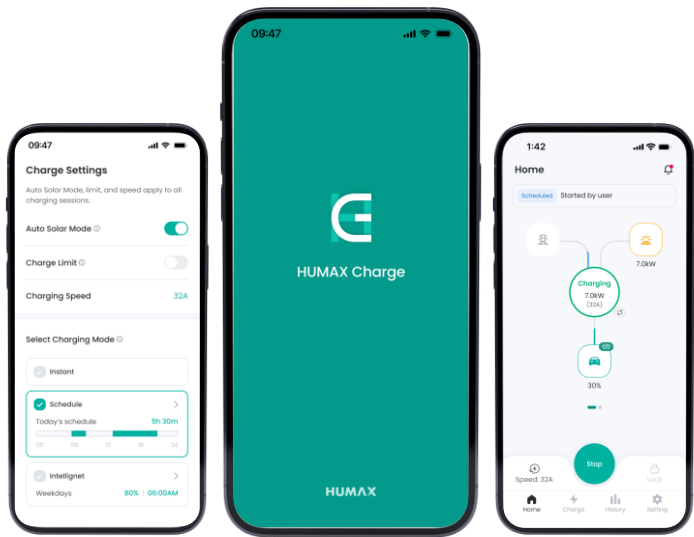
UK local call center operation

Fully compliant with UK regulations

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HUMAX CHARGE APP



Scan to download



Humax Smart App

Control, monitor, and schedule charging from anywhere, track usage, and access multiple charging modes in one simple app.



Flexible Charging Modes

Choose app control, RFID card, or simple plug-and-go convenience.



Smart Scheduling

Plan charging sessions to suit your routine and make the most of cheaper off-peak energy.



Live Charging Status

View real-time energy delivery and estimated time to full charge.

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

ENQUIRIES

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