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DATA SHEET

MaxiCharger Gen2

Smart AC 7.4kW

Perfect for simpler residential settings, with full app-based control and a streamlined, screen-free design. Delivering a true tap-and-go charging experience for busy homeowners



Solar Integration

Power your vehicle using free, renewable energy.



PME & Fault Detection

User safety without the need for expensive ground rods.



Load Balancing

Adjusts your charger's power output in real-time.



OCPP Integration

Integrate your charger with your preferred software, services and devices.



OZEV Grant Approved

Help cover the cost of installing your MaxiCharger at your property.



Fully Compliant

Your MaxiCharger is fully compliant with the electric vehicles regulations.



3 Year Warranty

Your MaxiCharger is covered for 3 years with additional years available to buy.

Features to make your life easier



Radio Frequency Identification (RFID)

Start and stop your charger with a simple RFID tap.
(RFID cards sold separately)

Home ecosystem integration

Interoperability with your home energy ecosystem, including solar and battery storage.

Energy management app

Manage, monitor, maximise and monetise your energy. Import, export and control with ease.

Smart tariff integration

Charge your vehicle using low-cost energy tariffs and flexibility services.

Load balancing

Adjusts your charger's power output in real-time.

Rapid installation technology

Installer commissioning app and SmartDock technology enable fast, seamless installation.

Tamper alerts

Security alerts provide peace of mind if the charger is tampered with or removed.

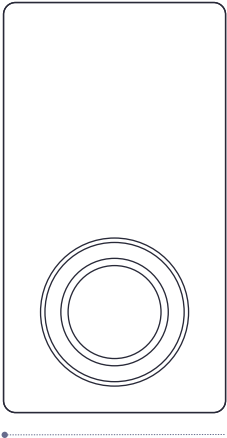
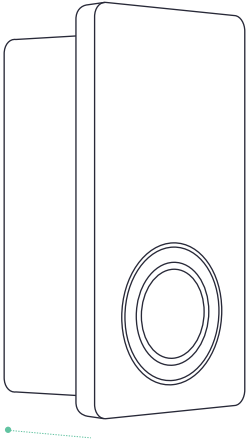
V2X ready

Our chargers are ready for future vehicle-to-home power technology.



Product Overview

- Height: **315mm**
- Width: **170mm**
- Depth: **117mm**



Product name	Product code	Connection type	Charging power	Input/output voltage
MaxiCharger Gen 2 AC 7.4kW	EVASEV7A	Type 2 Socket	Single phase: 7.4kW	230~+15%

Technical Data

	EVASEV7A
Charging type	Mode 3, Type 2
Rated current	32 A
Rated frequency	50Hz
Grounding system	TN,TT,IT
Ground fault detection	AC 30mA + DC 6mA
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection
PME fault detection / pen protection	Yes (incorporated within the unit)
Load management	Integrated static load management / Dynamic load balancing capabilities
Metering accuracy	n/a
Material	Plastic, full specification upon request
IP & IK vbrating	P54, IK10
Operating altitude	2000m
Operating temp range	-30°C~50°C
Storage temp range	-40°C~70°C
Weight	2.5 kg
Dimensions (h×w×d)	315mm x 170mm x 117mm
Communication protocols	OCPP 1.6J, OCPP 2.0.1
Connectivity	Wi-Fi, Bluetooth, Ethernet, RS-485
User authentication	RFID, APP
Card reader	ISO 15693, ISO 14443 A/B
Screen	No Display
Ambient light sensor	No
Colour	Black
Safety standards	EN/IEC 61851-1; EN/IEC 62196-2 (Type 2 interface); EN/IEC 62955 (RDC-DD); EN IEC 61851-21-2; EN 62311; EN 62479; EN 50470-1/-3 (metered SKUs); EMC Class B; EN 300 328; EN 300 330; EN 301 489-1/-3/-17/-52; EN 301 908-1/-13
Certification	CE & UKCA (Declaration of Conformity based on the above EN/IEC standards). UK: compliant with the Electric Vehicles (Smart Charge Points) Regulations 2021 (Schedule 1)
Warranty	3 years



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MaxiCHARGER 