MaxiCHARGER Gen2




DATA SHEET

# MaxiCharger Gen2

## Smart AC 7.4kW

AC 7.4kW

MaxiCHARGER Gen10

# 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.

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# Features to make your life easier

Homex

### 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

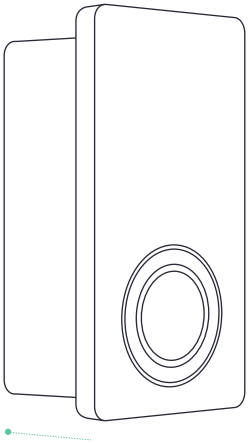
Our chargers are ready for future vehicle-to-home power technology.

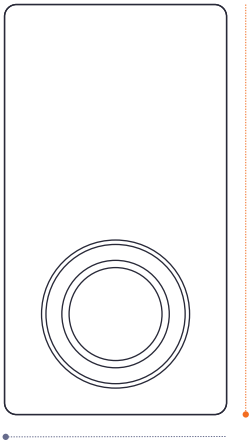



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# Product Overview

- 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).<br>UK: compliant with the Electric Vehicles (Smart Charge Points) Regulations 2021 (Schedule 1) |
| **Warranty** | 3 years |

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