



## Smart Digital AC 7kW

Perfect for workplace, shared residential, and fleet environments. Featuring onscreen charging insights, MID metering, and seamless back-office integration for energy and cost control.



### Sustainable Design

Modular components support future upgrades and easy servicing.



### 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

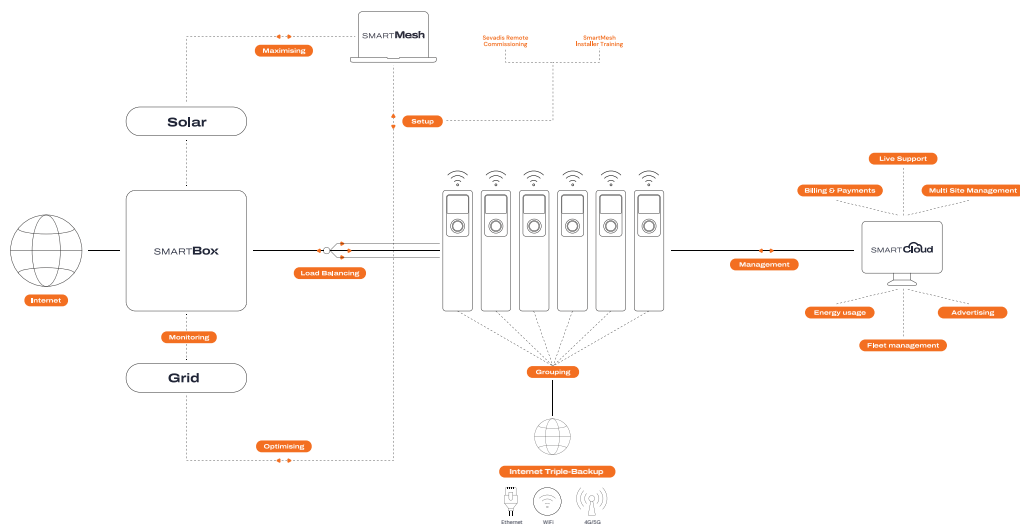
Your MaxiCharger is fully compliant with the electric vehicles regulations



### 3 Year Warranty

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

# Smart commercial charging ecosystem



## SEVADIS RESOURCE CENTRE

Request access to the Sevaldis Resource Centre for manuals, BIM files, certification, renders & more.

### SMARTBox

#### An energy monitoring kit for site wide optimisation

A measuring device that constantly monitors the flow of energy across a site using CT clamps placed around the power cables. By measuring that energy flow in real time, it effectively puts the brain into the energy ecosystem, providing data to other devices and software platforms, enabling control, optimisation and intelligent energy management.

### SMARTMesh

#### Site-wide reliable connectivity, simplified

A daisy-chaining low-frequency radio signal (not Wi-Fi) that connects chargers across a site, allowing for longer range and better penetration through walls and buildings.

The signal passes from charger to charger, enabling each charger to communicate in a mesh for more effective load balancing and diagnostic support functionality.

Once connected as a single network, settings can be applied and cloned removing the need to set up each charger individually.

### SMARTCloud

#### Management of your EV Chargers

This is the post-setup, ongoing management layer for a site (or multiple sites) of EV chargers through a backend EV management software platform.

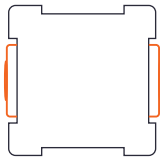
It allows asset controllers to apply settings, billing structures and user permissions, create charging rules, manage on-screen advertising, and monitor energy usage, performance and costs across the network.

## Product Overview

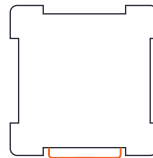
- Height: **1197mm**
- Width: **362mm**
- Depth: **270mm**
- Weight: **26.5kg**



## Configurations and fixings



Dual  
**EVG2MCDPP**



Single  
**EVG2MCDPP**



Blanking plate (if single)  
**EVG2MCPSPBP**



SmartDock  
screws in

Easy to instal



Optional  
switch  
gear &  
networking

Plenty of space



One click  
mounting  
of main  
unit

Easy to maintain



Sides  
fix on  
easily

Sustainable Design

## Foundation Kit & Passive Foundation Kit



**EVRFPP**



**EVPRFPP**

## Protection Barriers



360 Barrier  
**EVPPBCB**



Hoop Barrier  
**EVHPB**

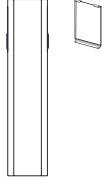


Steel Pole  
**EVSSBMT**

# Technical Data

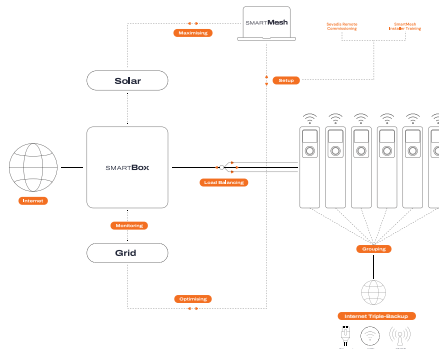
| EVG2MCDPP + EVG2MX74D                |                                                                                                                                                                                                                               |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Charging type                        | Mode 3, Type 2                                                                                                                                                                                                                |
| Rated current                        | EVG2MX74D 32A single phase / EVG2MX22D 32A three phase. Option to down rate to 11kW 16A three phase                                                                                                                           |
| 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                    | ±1%, MID                                                                                                                                                                                                                      |
| Material                             | Plastic, full specification upon request                                                                                                                                                                                      |
| IP & IK rating                       | IP54, IK10                                                                                                                                                                                                                    |
| Operating altitude                   | 2000m                                                                                                                                                                                                                         |
| Operating temp range                 | -30°C~50°C                                                                                                                                                                                                                    |
| Storage temp range                   | -40°C~70°C                                                                                                                                                                                                                    |
| Weight                               | EVG2MX74D 2.70Kg / EVG2MX22D 3.10KG                                                                                                                                                                                           |
| Dimensions (h×w×d)                   | 315mm x 170mm x 117mm                                                                                                                                                                                                         |
| Communication protocols              | OCPP 1.6J, OCPP 2.0.1                                                                                                                                                                                                         |
| Connectivity                         | Hardwired / Wi-Fi / 4G (SIM card extra)                                                                                                                                                                                       |
| User authentication                  | Plug & Charge, Autocharge, RFID, APP                                                                                                                                                                                          |
| Card reader                          | ISO 15693, ISO 14443 A/B                                                                                                                                                                                                      |
| Screen                               | EVASEVLCD 800mm x 480mm touchscreen EVG2MX74D / EVG2MX22D 700mm x 440mm digital screen<br>EVASEV4G7 700mm x 440mm digital screen                                                                                              |
| Ambient light sensor                 | Yes                                                                                                                                                                                                                           |
| Vehicle communication                | ISO15118-2/20                                                                                                                                                                                                                 |
| Phase balancing                      | (22kW only)                                                                                                                                                                                                                   |
| Colour                               | Black & Grey                                                                                                                                                                                                                  |
| 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                                                                                                                                                                                                                       |
| Max cable termination size           | 16mm                                                                                                                                                                                                                          |

## Project Pillar Kit

| Product name   | Items                                         | Product code                                                   |                                                                                   |
|----------------|-----------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Project Pillar | MaxiCharger Gen 2 AC 7.4kW Digital            | EVG2MX74D                                                      |  |
|                | Project Pillar w/ Blanking Plate (for single) | Pillar – EVG2MCDPP<br>*Blanking Plate if single<br>EVG2MCPSPBP |  |
|                | Foundation Base kit for Project Pillar        | EVRFPP                                                         |  |

## SmartMesh Remote Configuration by Sevadis

Save time on every commercial project. We remotely configure, group and commission your chargers, cloning settings across entire banks to ensure consistency, compliance and correct load management from day one. All units grouped and site-ready, aligned to your project requirements.





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**Built Environment Resources** [sevadis.com/built-environment](https://sevadis.com/built-environment)