MaxiCHARGER Gen2

BUILT ENVIRONMENT

Gen2 **Project Pillar**

Smart LCD AC 22kW

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 outputin real-time.

OCPP Integration

Integrate your charger with your preferredsoftware, services and devices.

OZEV Grant Approved

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

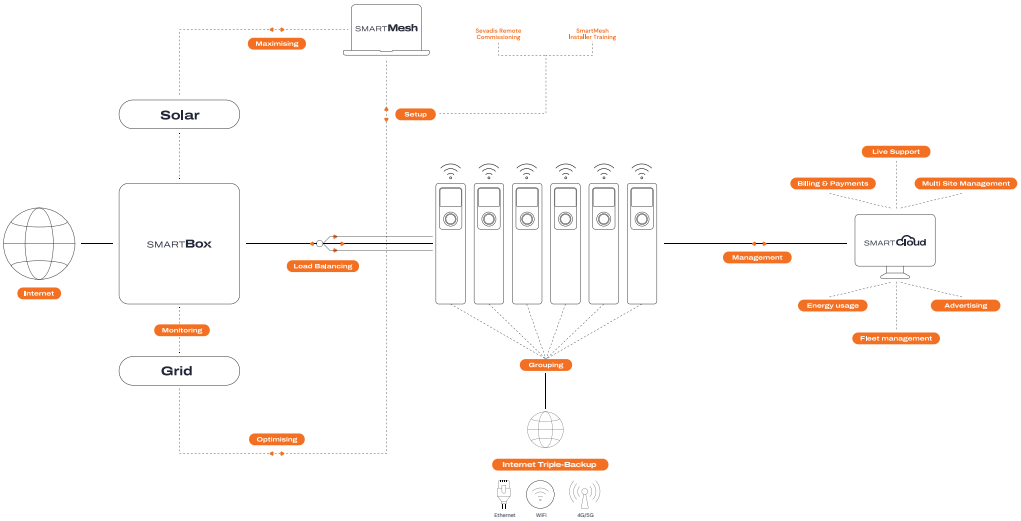
Fully Compliant

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 Sevadis 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

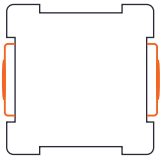
This is the post-setup, ongoing management layer for a site (or multiple sites) of EV chargers through a backend EV management software platform.

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.

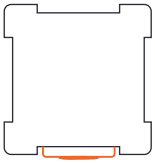
Product Overview

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

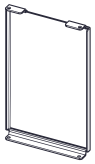
Configurations and fixings



Dual
EVG2MCDPP



Single
EVG2MCDPP



Blanking plate (if single)
EVG2MCPPSBP

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

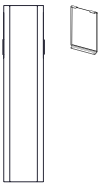
Hoop Barrier
EVHPB

Steel Pole
EVSSBMT

Technical Data

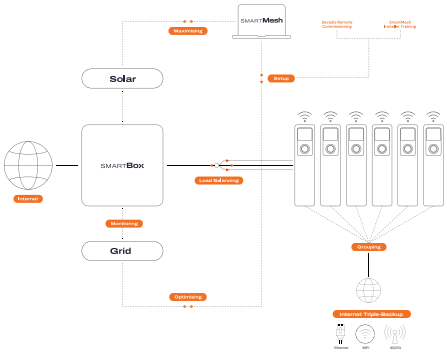
	EVG2MCDPP + EVG2MX22LCD
Charging type	Mode 3, Type 2
Rated current	32A three phase.Option to down rate to 11kW 16A three phase
Rated frequency	50Hz
Grounding system	TN,TT,IT
Ground fault detection	AC 30mA + DC 6mA
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection
PME fault 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	EVASEV4G22: 3.10 kg EVG2MX22LCD 3.1Kg
Dimensions (h×w×d)	315mm x 170mm x 117mm
Communication protocols	OCPP 1.6J, OCPP 2.0.1
Connectivity	4G, Wi-Fi, Bluetooth, Ethernet, RS-485 Wi-SUN
User authentication	Plug & Charge, Autocharge, RFID, APP
Card reader	ISO 15693, ISO 14443 A/B
Screen	EVG2MX22LCD 800mm x 480mm touchscreen
Ambient light sensor	Yes
Vehicle communication	ISO15118-2/20
Phase balancing	LCD & Digital Only 3 phase units only or on LCD Included
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
Certiication	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 Piller	MaxiCharger Gen 2 AC 22kW LCD	EVG2MX22LCD	
	Project Pillar w/ Blanking Plate (for single)	Pillar – EVG2MCDPP *Blanking Plate if single EVG2MCPPSBP	
	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.



BUILT ENVIRONMENT **EVG2MX22LCD**

MaxICHARGER Gen2

SEVADIS
POWERING ELECTRIC VEHICLES

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