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TECHNICAL SUBMITTAL

Project:	Hexham Road		Project ref:	25C425
Issued to:	Simon Clarke	Company:	Morgan Sindall	
TS No:	HEX-ENT-80-1XX-T-OE-0006	Associated Service	Electrical	
Date issued:	10/12/2025	Response required:	24/12/2025	
Description:	EV Chargers		Rev:	C01

DOCUMENTS ENCLOSED

Sevadis Project Technical Submission

15no. Single Phase 7.4KW EVMX744G MaxiCharger Smart 4G AC Charger

7no. Dual Pedestal Housing

1no. Single Pedestal Housing

Static load balancing will be provided for the scheme

Locations of EV Chargers are detailed on drawing HEX-AMS-30-100-D-OM-7301

The chargers will need to be added to the Reading Borough Monta back office account

The Specified EV chargers have not been put forward due to the manufacture not being one of the clients preferred suppliers. Entric have spoken to Joju who look after the EV Chargers within the Borough and they advised to use Sevadis.

COMMENTS

Distribution:	Issue	Response	Comments
Simon Clarke	C01	24/12/2025	

Technical Submittal Form			
Project Name:	Hexham Road Reading	Date:	20/11/25
Project No:		Reference:	
Package:	EV Charging	Supplier:	Sevadis
Description: Proposed EV charging system			
MaxiCharger floor standing charging system Single and Dual outlet units • Type 2 Socket suitable for all vehicles • Mode 3 charging • 7.4kWH output • Single Phase supply for each 7.4kW outlet • Data connection required to each EVCP outlet for Cloud connectivity Options of hard wired, using site wide Wi-Fi (or via additional cost 4G modules) • Type A & B RCD 6mA DC Protection • Integral O-Pen device (no earth rod required) • Root foundation kit to be set into concrete base • Static load management included via Back Office Cloud with failsafe 1.8kW output in event of loss of data link. Colour finish black Connection to Monta Cloud for billing and payments 3 Year onsite warranty included on all hardware Ongoing Occupier costs Year 1 and onward, current data costs applicable at £80.00 + vat per socket per year Wi-Fi/Hardwired System is OCPP so could be transferred to another Cloud provider if required in the future. Operation using App or RFID card At the end of 3 year warranty, extended warranty / service agreements can be provided. Further details on the Cloud System below. Client training on using the portal included			



Comments Required by:		Documents Attached:	Yes

Comments:

Status: (circle A, B, or C as appropriate)	
A	No adverse comments proceed.
B	Proceed in line with comments.
C	Rejected.
Comments:	
Signature:	Print:
Company:	Date:

FOR BUILT ENVIRONMENT PROJECTS

The MaxiCharger is a wall or pedestal-mounted, smart, single-outlet universal Type 2 socket EV charger. It is OCPP 1.6J compliant, has built-in PME fault detection on single and three-phase connection, and both static load management and dynamic load balancing capabilities.

The MaxiCharger is robust, aesthetically pleasing, and suitable for all environments. Allowing EV drivers to charge with 7.4 kW charging speed, the MaxiCharger is an ideal charging solution for domestic and commercial requirements.



Product Code	Product Name and Description
EVMX74	MaxiCharger Smart Online AC Wallbox 7.4 kW - Socket (Black)
EVMX744G	MaxiCharger Smart 4G AC Wallbox 7.4 kW - Socket (Black)

Technical Specification	
Charging type	Mode 3, Type 2
Charging power	7.4 kW on single-phase
Rated current	32 A/16 A
Rated frequency	50 Hz
Input/output voltage	230 V+/-10%: L1, N, PE
Network type	TT, TN
RCD	Integrated 6mA DC + 30mA AC leakage detection
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC residual current protection, integrated surge protection
PME fault detection	Incorporated within the unit

User Interface	
Status indication	LED/APP
User interface	MaxiCharger APP, MaxiCharger Service Software, web portal
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G (SIM not included)
Communication protocols	OCPP 1.6J
User authentication	APP, RFID card, QR code

For more information, call 0330 058 7144 or email builtenvironment@sevadis.com
View our full range of EV chargers online www.sevadis.com/built-environment



General Characteristics

IP and IK rating	IP54, IK08
Operating altitude	2000 m
Operating temperature range	-40°C ~ + 55°C
Storage temperature range	-40°C ~ + 85°C
Mounting	Wall or floor using a pedestal
Weight	3600 g
Dimensions (WxHxD)	187 mm x 336 mm x 85 mm

Software Update

Software update	APP or web portal
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Certification and Standards

Safety standards	EN/IEC 61851-1, EN/IEC 62196-2, EN/IEC 62955, BS7671
Certification	CE, UKCA (TUV)
Warranty	36 months

FOR BUILT ENVIRONMENT PROJECTS

The MaxiCharger Pillar is a floor-standing, smart, universal Type 2 socket EV charger that is available in single and dual-socket options. It is OCPP 1.6J compliant, has built-in PME fault detection on single and three-phase connection, and both static load management and dynamic load balancing capabilities.

Allowing EV drivers to charge with 7.4 kW charging speed, the MaxiCharger is an ideal charging solution for domestic and commercial requirements. The pillar housing is finished in a powder-coated steel with bespoke branding options available.



Product Code	Product Name and Description
EVMX74	MaxiCharger Smart Online AC Wallbox 7.4 kW - Socket (Black)
EVMX744G	MaxiCharger Smart 4G AC Wallbox 7.4 kW - Socket (Black)
EVMCSPP	MaxiCharger Single Pedestal Housing
EVMCDPP	MaxiCharger Dual Pedestal Housing
Please note that if opting for a dual MaxiCharger Pillar, x2 MaxiChargers are required. The same principle applies to 3-way and 4-way options.	

Technical Specification	
Charging type	Mode 3, Type 2
Charging power	7.4 kW on single-phase
Rated current	32 A/16 A
Rated frequency	50 Hz
Input/output voltage	230 V+/-10%: L1, N, PE
Network type	TT, TN
RCD	Integrated 6mA DC + 30mA AC leakage detection
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC residual current protection, integrated surge protection
PME fault detection	Incorporated within the unit



User Interface

Status indication	LED/APP
User interface	MaxiCharger APP, MaxiCharger Service Software, web portal
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G
Communication protocols	OCPP 1.6J
User authentication	APP, RFID card, QR code

General Characteristics

IP and IK rating	IP54, IK08
Operating altitude	2000 m
Operating temperature range	-40°C ~ + 55°C
Storage temperature range	-40°C ~ + 85°C
Weight	3600 g
Dimensions (WxHxD)	Unit: 187 mm x 336 mm x 85 mm Pillar: 362 mm x 1197 mm x 270 mm

Software Update

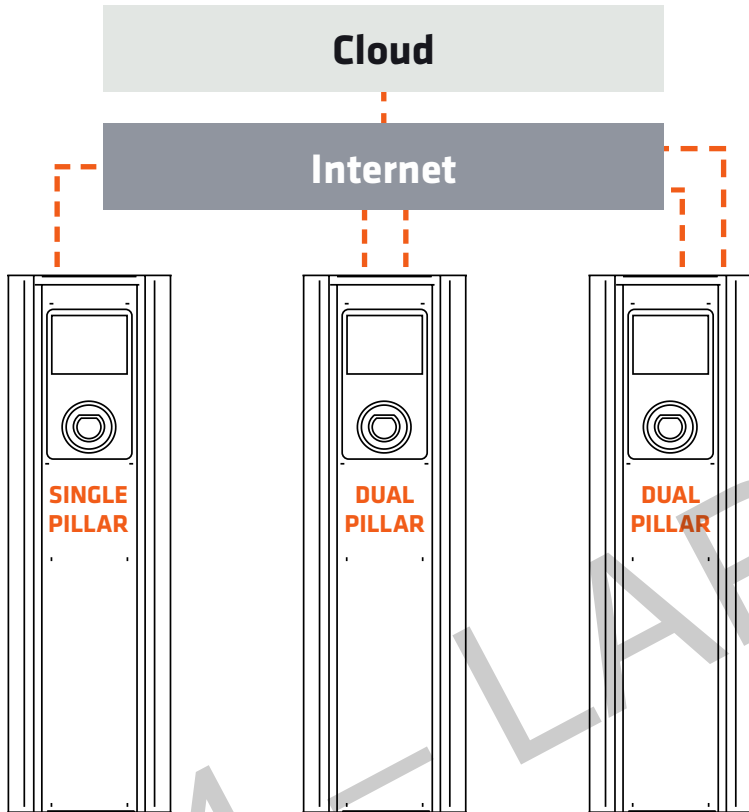
Software update	APP or web portal
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Certification and Standards

Safety standards	EN/IEC 61851-1, EN/IEC 62196-2, EN/IEC 62955, BS7671
Certification	CE, UKCA (TUV) Compliant to the Electric Vehicles (Smart Charge Points) Regulations 2021, inc. Schedule 1
Warranty	36 months

MaxiCharger - Data Connection Options for Cloud Connectivity and Load Balancing

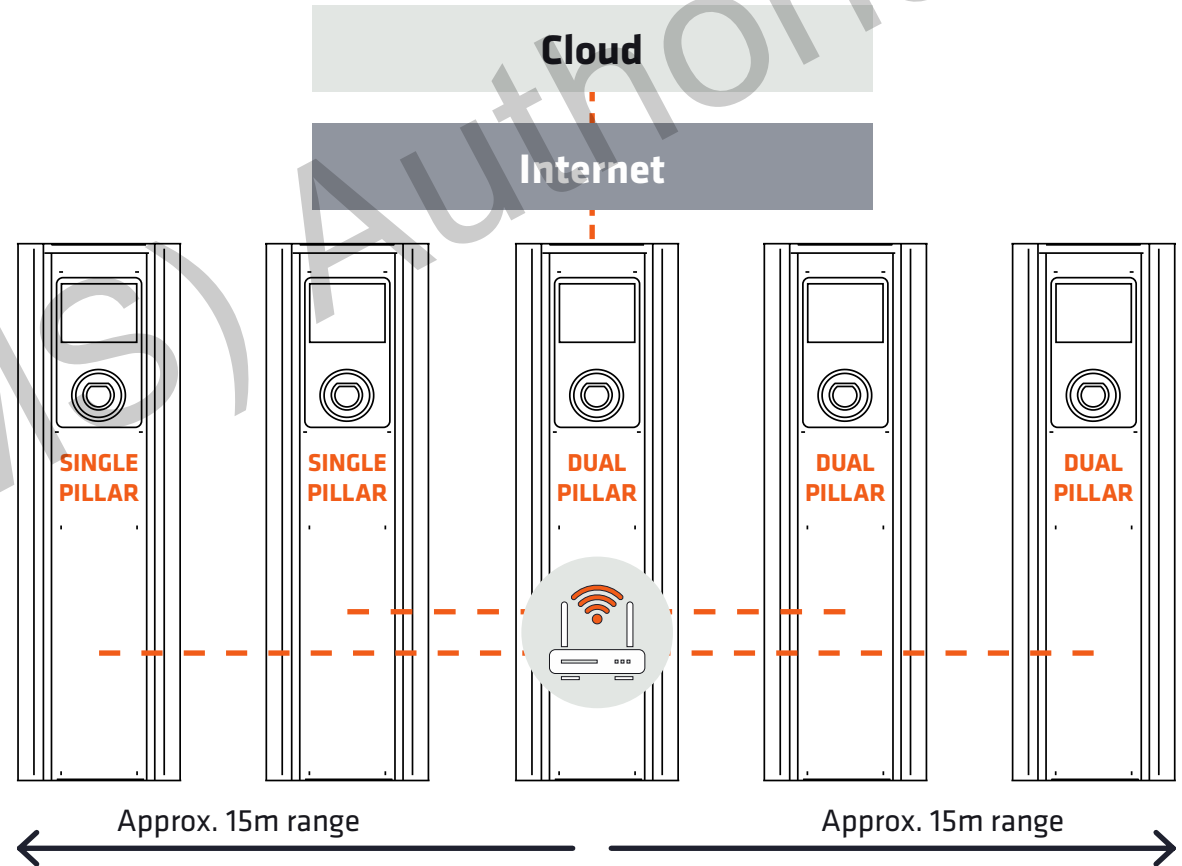
Individual 4G SIM card per unit



4G data charges apply per outlet

Load balancing via cloud only

4G router/Wi-Fi repeater module



1x 4G data charge applies per router

Router requires IP rated 3-pin socket (by others)

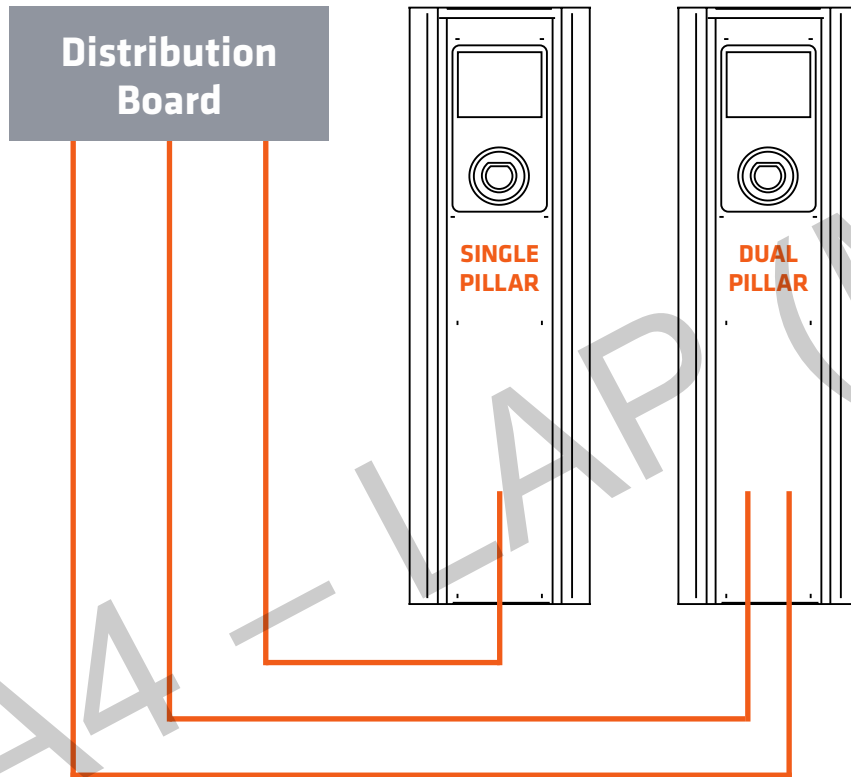
Ensure suitable 4G signal available on site

Power Cabling Options for the MaxiCharger Pillar

Standard power connection (one feed per outlet)

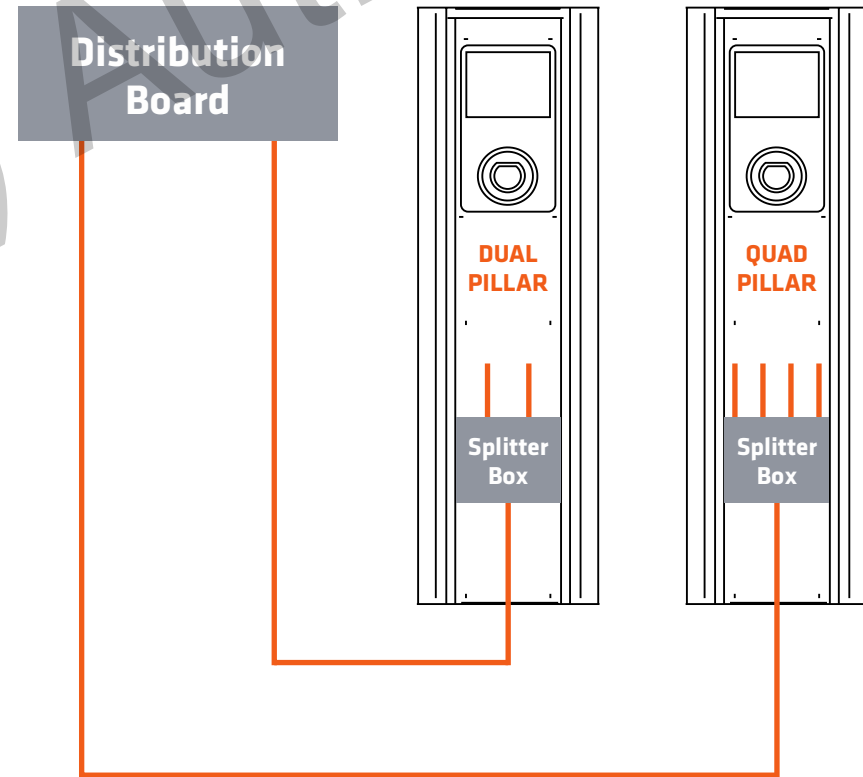
Single outlet pillar requires 1x cable

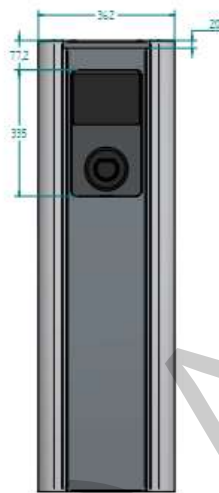
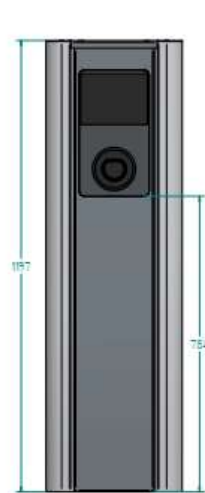
Dual outlet pillar requires 2x cable



Splitter box version (single power feed)

Dual or quad outlet pillar requires 1x cable





REV	DESCRIPTION	DATE	APPROVED
1	1.001 INITIAL DESIGN & DEVELOPMENT CHANGES	04/06/2021	
2	1.002 FINAL DESIGN & DEVELOPMENT CHANGES	04/06/2021	
3	1.003 FINAL DESIGN & DEVELOPMENT CHANGES	04/06/2021	
4	1.004 FINAL DESIGN & DEVELOPMENT CHANGES	04/06/2021	
5	1.005 FINAL DESIGN & DEVELOPMENT CHANGES	04/06/2021	

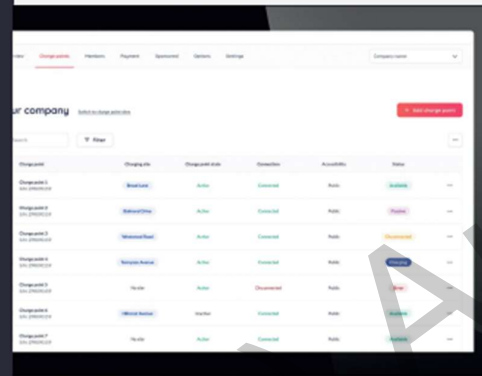
DATE	NAME	DATE	NAME
04/06/2021	SP LEICESTER LTD	04/06/2021	SP LEICESTER LTD



SMART EV CHARGING PLATFORM FOR CHARGE POINT OPERATORS & EV DRIVERS

Monta, the world-leading EV charging platform, provides housing developers, landlords and EV drivers with complete control and management over their electric vehicle charging points.

From automated billing to eliminating repetitive tasks, with Monta, operating residential charging stations is simple and straightforward.

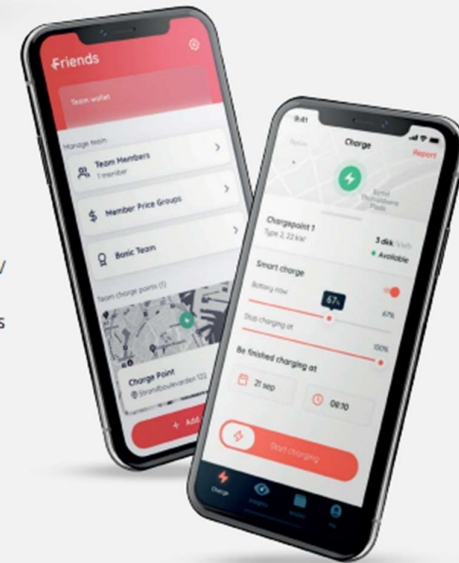


Portal Overview

With an easy-to-use interface, Monta's portal enables charge point operators to view charge point behaviour and activity. The portal provides an affordable EV charge point back-office management system without the outlay of developing your own back-office management system and associated applications.

App Overview

Available to download via Apple Store and Google Play, Monta's smartphone app allows EV drivers to charge and pay for their usage with the tap of a finger. The Monta app also provides drivers with insights into their charging behaviour, including cost and CO₂ savings.



PRICING

By integrating Sevadis' EV charge point range with Monta, businesses and organisations can benefit from smart features at an affordable monthly cost.

1. Only for admin / owners of teams / operators
2. This Smart queue feature enables EV drivers to join the virtual queue at one of multiple charging sites and allows drivers to get notified when the chargepoint becomes available for them
3. Load balancing is the distribution of power between the different points of consumption. In other words, Monta automatically divides the available power over the vehicles that are charging
4. Member fees, select chargepoints access
5. In your team's wallet, you can see the transactions from and to the wallet and export the list of all the transactions
6. Relevant for companies reimbursing their employees for charging at home
7. Share your chargepoints on the world's largest roaming platform Hubject - 8% transaction fee
8. Enterprise security features: audit log, ip whitelist, 2factor / saml



Pricing Structures Per Month:

Non 4G Units	£5.50 per socket
4G Units	£10.50 per socket

What's Included:

Email & Chat Support ¹	✓
Tech Support (Phone) ¹	✓
24/7 Support ¹	✓
Portal	✓
Dashboard	✓
Transaction Overview	✓
Smart Queue ²	✓
Load Balancing ³	✓
Advanced Team Features ⁴	✓
Pay with Team Wallet ⁵	✓
Team Charge Keys	✓
Pay by Invoice	✓
Sponsored Chargepoint ⁶	✓
Roaming ⁷	✓
Enterprise Security ⁸	✓



The Monta app is free with no subscription costs when charging at home.



Contact details

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