Rapid charging

Velocity Charger

VM+ User Guide

Pod Point VM+ User Guide
PP-D-220248-1

VM+ Intro.

The VM+ is a rapid charger capable of charging two vehicles at the same time, which comes in two variants, the VM75+ and the VM50+.

The VM75+ can charge one car at 75kW, and if two are connected the first car will receive 50kW and the second 25kW, until the car no longer requests >25kW, and then the power ratings will switch if necessary. The VM50+ can charge a single car up to 50kW, or two cars at 25kW each.

The VM+ can be configured with either CCS or CHAdeMO charging connectors. Please always check the compatibility with your vehicle.

Unsure? **Check our vehicle guides**

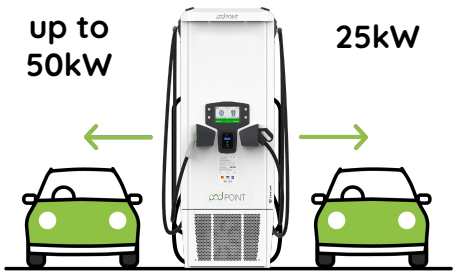
VM+ charging speeds

Charging speeds will vary depending on your car and how many vehicles are plugged in at the same time. The minimum rate of charge is 25kW and the maximum is 75kW.

VM75+

# Vehicles Charging	Max Rate	Charging Speed
Single vehicle	up to 75kW	~40-90 miles per 15 minutes*
Two vehicles	up to 50kW	~20-60 miles per 15 minutes*

Dual vehicle charging



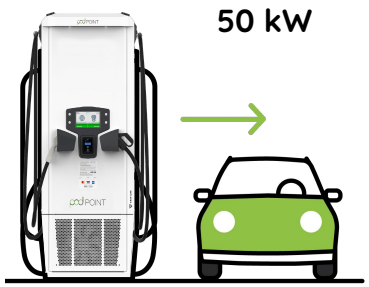
First EV to connect to charge

Second EV to connect to charge

VM50+

# Vehicles Charging	Max Rate	Charging Speed
Single vehicle	up to 50kW	~20-60 miles per 15 minutes*
Two vehicles	up to 25kW	~10-30 miles per 15 minutes*

Single vehicle charging



One EV connected to charge

*__Note__: Max and min charging rate and speed may also be limited by the vehicle.

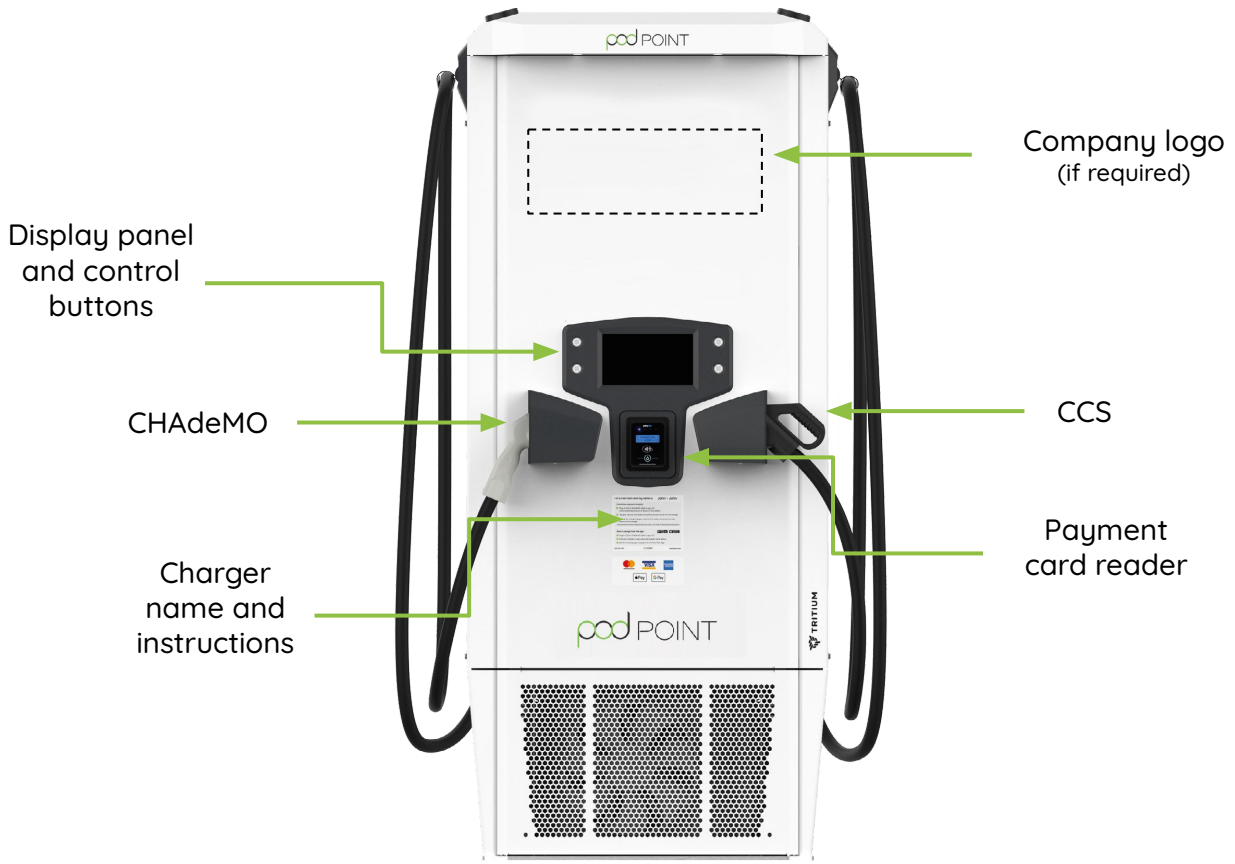
If a second vehicle connects to the VM+ chargepoint during your session, the charging rate will drop to accommodate both vehicles.

Similarly, if a second vehicle unplugs while you're charging, your rate of charge may increase depending on how fast your vehicle is able to charge.

You will see the charging rate available on the charger display before plugging in and once the session starts.

Features of the VM+ charger

- **CHAdeMO and CCS connectors** - the two connectors can be any combination of CHAdeMO and CCS plugs, depending on customer requirements. Please check the plug socket on your vehicle to make sure you are connecting to the correct plug.
- **Charger name and instructions** - The charger name and instructions on how to use the chargepoint are located underneath the card reader.
- **Control buttons** - Use these buttons to choose the options displayed on the panel. For example, which plug you wish to use..
- **Display panel** - The display panel will show you key information about the charger, like the charger status, plug availability, and the charging rate. Once you have plugged in the display panel will confirm this, and then show you the methods in which you can authenticate the charge.
- **Payment card reader** - The payment terminal will display the pre-authorisation amount and the final price you will be charged once you unplug.



Using the Pod Point App

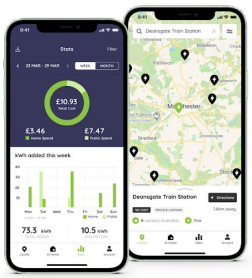
Can I charge without the Pod Point App?

Yes, you can use the VM+ rapid chargers and pay for charging using a bank card, but you won't be able to track your energy usage and cost in-app.

Note: If using contactless, a pre-authorisation hold of up to £30 will be reserved on your card. Once your charging session has been completed, this amount is reconciled against the energy consumed during your charging session and then refunded in a few working days.

How do I download the Pod Point App?

The Pod Point App is free to download on both iOS and Android devices.



Download on the App Store — For iOS devices, download on the App Store

GET IT ON Google Play — For Android devices, download on the Google Play Store

How do I find the charger in the Pod Point App and check its availability?

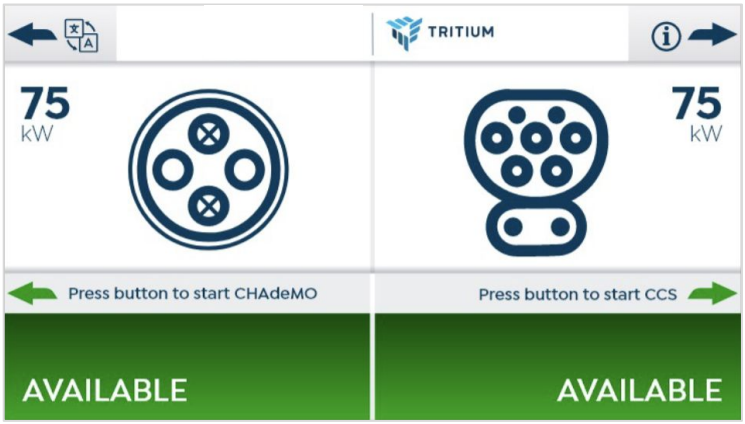
Use the "Locate" tab in-app to search, filter and see real time availability of all charge points on the Pod Point Network. You can also view charging tariff information and top-up your account for quicker payment.

Tip: Each of our chargepoints will have a unique 8 letter name (e.g. John-Jane) that you can type in to the Pod Point App to easily find your location.

Connecting your vehicle

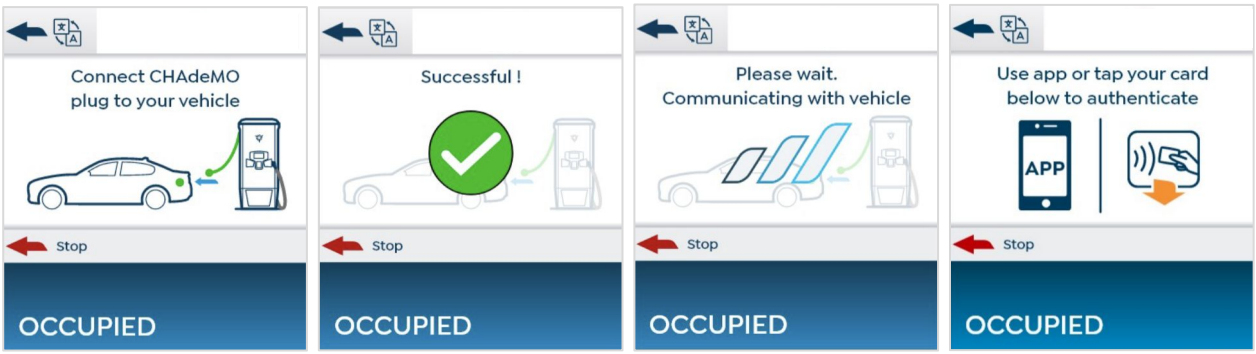
Step 1. Check the charger and select your plug

- Check the charger status and plug availability on the VM+ chargepoint display.
- Select the plug you want to use by pressing the button next to the display panel.



Step 2. Plug in your vehicle and wait for the charger to connect

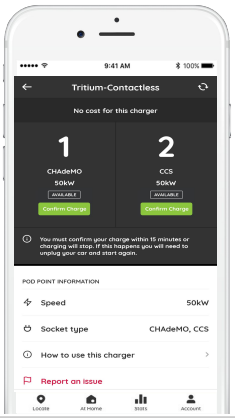
- Plug in your vehicle. The display panel will confirm when the plug is connected successfully.
- Once connected, wait for the charger to establish communication with the vehicle - this may take a minute.
- The display panel will then show available methods of authentication.



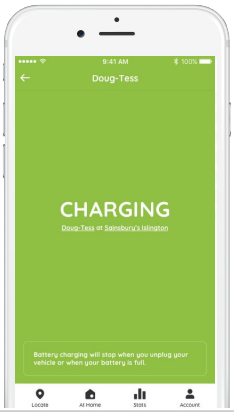
Step 3A. Pay and charge via the Pod Point App

- Find the charger on the Pod Point App by name or location.
- Plug in your vehicle.
- Select **Confirm Charge** on the plug that you're using.
- You will see a confirmation on the app and the charger display.
- The charger will lock after 30 seconds - a padlock will be shown under your active session on the charger display.

Charger detail screen



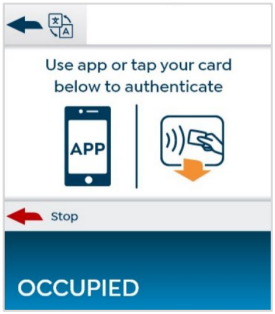
Charging screen

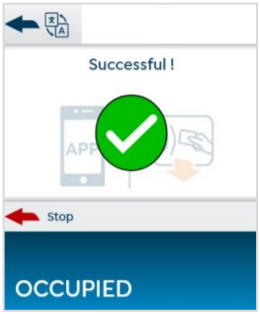


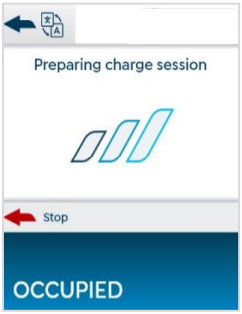
Step 3B. Pay and charge via contactless payment

- Plug in your vehicle.
- The payment terminal will display the price you will be charged and the pre-authorisation amount that will be taken.
- Tap your bank card over the payment terminal. The charger will process the pre-authorisation and a confirmation will show on display.
- Your charging session will start. You will see the session starting on the charger display and the charger will lock after 30 seconds.

Note: If you get a 'select connector' message then please repeat step 1.







Finishing your charge

The VM+ rapid charger will automatically stop charging once your vehicle reaches its maximum capacity, but you can also finish charging earlier by following the steps below.

Step 4A. Stop charging via the Pod Point App

- Go back to the charger detail screen in the app and press Stop Charging.
- Remove the plug from your vehicle and return it to the charger.
- The payment will then be taken from your app credit.

Note: Shortly after you have unplugged the cable the charging information should appear on the stats tab of the Pod Point app.

Step 4B. Stop charging session via contactless payment

- Press the “Stop” button on the VM75+ charger.
- Remove the plug from your vehicle and return it to the charger.
- The payment will be processed and the terminal screen will display how much you have been charged.

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