

8 April 2024

Our ref LTA/NEVC/EVR/2024/0006/C

Dear Sir/ Madam

ADVISORY ON THE STANDARDISATION OF ELECTRIC VEHICLE (EV) CHARGING LOT DESIGN

1. The transition to electric vehicles (EVs) is an important part of our decarbonisation strategy for the land transport sector. In 2023, EV registrations accounted for over 18% of new cars registrations and more than 6,000 charging points have been deployed in public and private premises island wide.
2. With the increasing numbers of EVs and EV charging operators, LTA has received feedback that the multiple colours used to demarcate EV charging lots have caused confusion for drivers in identifying dedicated EV charging lots. This has also led to instances of lot misuse by non-EV drivers.
3. To address these concerns and ensure clarity and consistency in identifying EV charging lots, **developers and building owners may encourage your EV Charging Operators (EVCOs) to paint the border of all your EV charging lots green, together with the notification “EV Charging Only” in white.** The standardised template for Electric Vehicle charging lot design is provided in **Annex A**. This template has been designed to facilitate easy recognition by both drivers and enforcement officers.
4. Adopting a standardised approach to EV charging lot design will enhance the overall user experience and contribute to a smoother operation of EV charging facilities.
5. Should you have any enquiry or require any assistance on the matter, you may contact LTA_EV_Charging@lta.gov.sg.
6. Thank you.

Yours sincerely

Stephanie Tan
Director, National Electric Vehicle Centre
Technology & Industry Development Group

Annex A: Standardised Design of Electric Vehicle Charging Lots

Design 1

- Borders of the lot should be painted in green.
- The words "EV Charging Only" should be positioned just outside the lot boundaries to ensure visibility, even when a vehicle is parked within the space.
- Should EVCOs wish to include a logo, the logo should be placed at the centre of the lot, and its height and width should not exceed 50% of the overall height and width of the lot to maintain the distinct appearance of EV charging lot. EVCOs may use the "EV logo" depicted here or a logo of your choice.



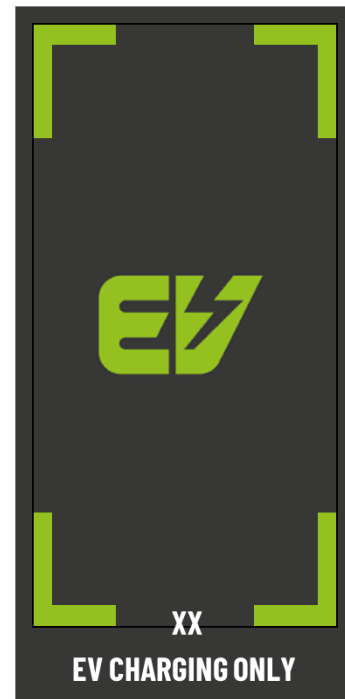
COLOUR PALETTE

Pantone 375C
 CMYK C46 / M0 / Y90 / K0
 RGB R151 / G215 / B0
 HEX #97D700

PARALLEL LOTS - 2.4m x 5.6m



NORMAL LOTS - 4.8m x 2.4m



Design 2

- Alternatively, the background color of the lot can also be painted in green, with the borders painted in white to enhance the visibility of the lot.
- The words "EV Charging Only" should be positioned just outside the lot boundaries to ensure visibility, even when a vehicle is parked within the space.
- Should EVCOs wish to include a logo, the logo should be placed at the centre of the lot, and its height and width should not exceed 50% of the overall height and width of the lot to maintain the distinct appearance of EV charging lot. EVCOs may use the "EV logo" depicted here or a logo of your choice.



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