

Application of EV charging infrastructure (charging typologies)

Electric vehicle charging infrastructure is applied in a variety of ways, referred to as charging typologies, in order to best meet the needs of the client given the site constraints. We have categorised common typologies as follows:

- Inter-regional service station
- Urban service station or “hub”
- Shopping centre rapid charger
- Multi-level car park system
- Outdoor car park destination charger
- Public kerbside destination charger

Inter-regional service station

Marketed at domestic tourists, EV drivers without access to home/work chargers and High mileage workers, inter-regional service stations feature level 3 DC fast chargers, multiple charge points, ancillary electrical equipment, on-site amenities and landscaping

Urban service station or “hub”

Marketed at domestic tourists, EV drivers without access to home/work chargers and high-mileage commercial vehicles, urban service stations feature level 2 and 3 fast chargers, multiple charge points, ancillary electrical equipment and landscaping.

Shopping centre rapid charger

Marketed at domestic tourists, EV drivers without access to home/work chargers and shoppers, shopping centre rapid chargers feature level 3 DC chargers, ancillary electrical equipment, very low civil costs if incorporated into new build, and utilise shopping centre embedded network.

Multi-level car park system

Marketed at domestic tourists and local residents without access to home/work chargers, multi-level car park systems feature level 2 AC chargers, multiple charge points, load management system and utilise existing car park electrical.

Outdoor car park destination charger

Marketed at domestic tourists and EV drivers without access to home/work chargers, outdoor car park destination chargers feature level 2 AC chargers, multiple charge points, ancillary electrical equipment and landscaping

Public kerbside destination charger - Pedestal



Marketed at domestic tourists and EV drivers without access to home/work chargers, public kerbside destination chargers feature level 2 AC chargers, feature rich all-in-one EVSE and are located close to amenities.