

Attachment1 – Charger and Battery Examples

Charger

The exact equipment has not yet been selected. The following photographs illustrate typical charger arrangements



Battery Energy Storage Systems - BESS

Each of the EV charging points will include a BESS and to provide a more resilient electricity supply. These batteries will operate as a solar soak during the day and absorb excess solar energy on the grid, which will then be despatched into the chargers during periods of peak demand.

Each charging station will include between two and eight cabinets with a footprint of 20-25 square metres, depending on the site. The cabinets will be enclosed by fencing for security and visual amenity.

