

Ripple Control

A ripple control device is technology used by your local DNSP (Distribution Network Service Provider) to manage and control the load on their power grids. It sends high-frequency signals (ripples) over the standard electrical power lines to remotely switch specific devices, such as water heaters, pool pumps, or streetlights, on or off. This allows utilities to balance demand, reduce peak load, and improve overall grid stability and efficiency.

Ripple Control for EV Charging

Any EV Charger over 20amps that is not compliant with Dynamic Control (QLD) is required to have a Ripple Control device installed. This allows for the local DNSP to take control over your charger to balance the grid. There is No warning and No timing for when the DNSP may take control of your EV Charger for.

e.g. During peak demand periods, the local DNSP may use ripple control to send signals to EV chargers across the network, instructing them to turn off completely until electricity demand is lower and stabilised. This not only reduces strain on the grid but also ensures a more balanced and efficient use of available power resources.