Control Your Use of
Green and Grid Energy

Introducing **Ocular Flexi Load Controller**, the only EV charging load controller that can balance grid and on-site solar energy. It allows you to capture the most from the sun to charge your EVs while avoiding any potential overloading of the existing electrical infrastructure.

Ocular Flexi Load Controller supports 3 x forms of energy optimisation

Load Management Only

Solar Assist

Solar Only

How it works

CT clamps will be installed in the MSB to monitor the real-time available power. The Ocular Flexi Load Controller is then able to understand whether there is excess solar power. Calculations will then be performed by the Ocular Flexi Load Controller to determine the optimized charging speed to all the active Ocular Smart Chargers via Modbus TCP/IP.
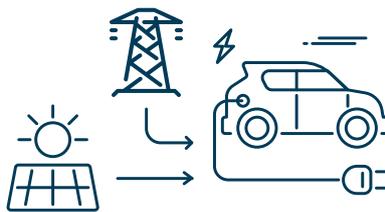
Load Management Only
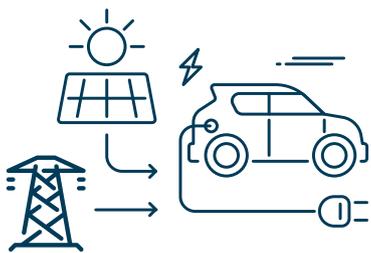
Provides Maximum charging speed without overloading the property's electrical infrastructure.

Excess Solar Energy will be taken as a priority source of energy. However, energy from the grid may be utilised if there is not enough Excess Solar Energy to maintain this best possible speed.
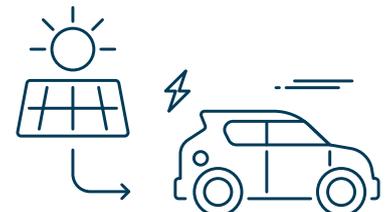
Solar Assist

Charge using Excess Solar Power while maintaining a minimum charging speed of 6 Amps per charger. Energy may be pulled from the grid if the Excess Solar Power is not enough.

This is the ideal set up for fleets or vehicles that always need a baseline load as charging will never stop just slow when no solar is available.

Solar Only

Charge your EVs purely from the Excess Solar Energy.

No energy from the grid will be pulled under this mode. Charging Session will be suspended if the Excess Solar Power is less than 6 Amps.