

# Optimisation vs Manual schedules

If you have already been setting manual schedules for your battery, you may be wondering: Why switch to optimisation? While schedules follow fixed rules, optimisation is dynamic, smart, and adapts in real time to maximise your savings and efficiency.

## Smarter charging based on your home usage

Manual scheduling may mean that your battery is charged when it's not actually needed. Optimisation takes into account your home's energy usage. It won't charge your battery fully if it doesn't need to, helping you save money and avoid unnecessary cycles.

## Adapts to weather forecasts

Optimisation automatically considers upcoming weather conditions. If a sunny day is expected, it'll leave space in your battery to charge from solar energy instead of overcharging the night before.

## Maximises savings through smart exporting

At the end of the day, the excess charge in your battery will vary. Optimisation ensures that any extra energy is discharged back into the grid when it earns you the most money (tariff dependant), whereas manual schedules don't adapt to the varying percentage charge left each day.

## Optimisation unlocks the power of arbitrage

Depending on your tariff combination, optimisation can charge your battery when electricity is cheap and discharge when it's expensive - effectively turning your battery into an energy-saving powerhouse overnight.

## Automatic adjustments for changing tariffs

If you tariff rate change, optimisation adjusts automatically. No need to keep updating your schedules, just set it and forget it. Your battery will always charge at the lowest rates and discharge when its most cost-effective.