

Optimised self-consumption and energy cost savings.



Maximising the benefits of roof-top solar and other renewables, Smappee Infinity makes sure that instead of losing any excess power to the grid, it goes straight to your smart appliances.



For the growing number of consumers and businesses adopting green lifestyle and corporate social responsibility choices, optimising self-generated power is key to making the biggest environmental impact whilst maximising investment returns. Technologies such as roof-top solar, batteries, electric vehicles and energy efficient machines and appliances offer new opportunities for the kind of smart energy management system that is able to optimise supply and demand from a host of different sources. That system is Smappee Infinity.



Acting as a dynamic load balancing system, Smappee Infinity works from inside the breaker panel to monitor, control and harmonise all of the power flows. It can automatically manage energy use efficiently using integrated third-party systems, custom-created scenes, and Smappee's smart plug, Smappee Switch, which allows control of individual appliances.

Smappee Infinity offers infinite possibilities to distribute power across multiple demands, enables demand response control, introduces peak shaving, and optimises the use of solar or any other renewable sources of energy.

Considering, for example, a 6 kWp solar power installation on an office building using only 0.7 kW during the sunniest part of the day. The 5.3 kW excess solar power would typically be absorbed by the local distribution grid. Instead, taking into account the weather forecast, it is possible to use this excess energy to charge on-site vehicles, storage batteries or engage high energy use appliances. This sophisticated energy management solution enables optimised energy efficiency and maximises any on-site power production potential.

Smappee Infinity is ready for the coming smart grid (r)evolution. Incorporating state-of-the-art technology and allowing over-the-air updates, it is able to adapt to any demand scenarios and all applications. In the meantime, it already offers homeowners and businesses control over demand response, peak shaving and much more to optimise self-consumption and save costs.



- Optimised self-consumption and self-sufficiency.
- Real-time and historical energy data in kWh and costs.
- Cost savings thanks to energy insights and smart energy control.
- Quick and easy installation, low maintenance.
- Works with every inverter, battery and electric vehicle.
- Tailored data visualisation with app, dashboard and open API.
- Future-proof thanks to over-the-air updates and modularity.

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