

Battery storage for businesses

Energy storage or battery storage solutions are battery units that are installed on-site to offer businesses a means to store and discharge electricity at specific times, operate independently from the grid and offer backup power when needed.

Solarsense offer a full turnkey solution for battery storage solutions, including analysing your business and its suitability, specifying the best technologies, designing your system and installation.

In most cases, battery storage solutions are integrated with commercial solar panels as a means to capitalise on the energy savings they produce, as well as leverage a number of additional financial and environmental benefits.

Battery units can also be installed as a stand-alone product, independent of a renewable energy source and used to store cheaper energy from the grid during lower cost periods and discharge during peak times to avoid demand charges and peak-time energy costs.

With up to 13.5kWh of storage and the capability to deliver 5kW of continuous power the Tesla Powerwall offers exceptional value for money. Powerwall stores your excess solar energy to make it available on demand, maximising your use of solar and reducing your reliance on the grid.

Powerwall is ideally suited for small to medium sized businesses (SMEs). It is really useful for businesses that tend to operate in the evening, such as restaurants, art galleries, offices, churches and more. Powerwall is a completely automated system that requires no maintenance and will automatically update over time via over-the-air software updates.

The TS HV 70 storage system is not only built for efficiency, it is also one of the most advanced and powerful storage systems on the market. Its cutting-edge prismatic lithium battery cells from Samsung SDI and innovative technology like the Active Battery Optimizer ensure outstanding performance.

The system is designed to last 8,000 cycles or a 30-year lifespan, guaranteeing excellent cost efficiency. With its continuous power of 1C, the TS HV 70 storage system can charge and discharge in next to no time, making it ideal for professional use in commercial applications, agriculture and industry.

Whether you want to increase self-consumption, shave your peak energy loads, optimise your diesel hybrid system, or go off-grid, the Tesvolt TS HV 70 Outdoor represents a flexible storage solution for any application.

Its advanced, cost-optimised design makes for unbeatable efficiency - without sacrificing quality or



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performance. It is extremely robust and therefore well-suited for businesses that don't have a plant room. Thanks to cutting-edge prismatic lithium battery cells from Samsung SDI, the TESVOLT TS HV 70 is one of the most efficient and durable batteries on the market.

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