

## Battery solution 390 kWh

The ecoBatteryHub is both an electricity storage system and an energy centre. It is one of the few battery systems on the market that combines all relevant applications: Self-consumption optimisation, load management, peak load capping and genuine 3-phase grid replacement in the event of a power failure or blackout.. This makes the storage system an ideal choice for large single-family homes with high power requirements, multi-family properties, commercial and industrial buildings, as well as entire building complexes and farms.

The ecoEnergyCoach energy management system (EMS) integrated into the battery storage system covers not only the electrical side but also harmonises all components for heat, water, and gas, for example, across all sectors. The holistic design of the energy infrastructure ensures economical, safe, and sustainable operation.

The system enables intuitively guided commissioning for installers and solar technicians. Operational management and property managers can carry out optimisations and read billing data. End users can view all their monitoring data via the app and easily authorise charging stations for e-vehicles.

Self-consumption optimisation, peak load capping, load management per phase, electromobility charging management, emergency power supply operation and monitoring

Cell type lithium-ion (NMC), voltage ecoBatteryUnit nominal 59.6 volts DC x number of battery modules, modules comply with UL1973, IEC 62619 and UN38.3 standards

CE | IEC 62477-1:2012 + A1:2016 | IEC 62619 | VDE-AR-E 2510-50:2017 | VDE-AR-N 4105:2018-11 | TOR generator type A | OVE guideline R 25:2020 | EN 61000-6-2:2019 | EN 61000-6-4:2019 | DIN EN IEC 62040-2:2019-04

For battery systems with the grid replacement function, please note that a maximum of 24 kW of power is available for a few seconds when setting up the stand-alone grid. After the storage systems are synchronised, the full power can be used.



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