260 kWh energy storage battery installation

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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.

Integrated battery inverter, energy management, preparation for external NA protection, residual current protection

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

AC-coupled battery storage system

Primary and secondary function for up to six systems with a total of 390 kWh. More on request.

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

5 ?C to 35 ?C, optimum 23 ?C, humidity 5 % to 80 % (non-condensing)

ecoPowerUnit: 55 x 100 x 60 cm ecoBatteryUnit: 55 x 160 x 60 cm

ecoPowerUnit: 90 kg ecoBatteryUnit: Empty rack weight 125 kg max., 41 kg additional per module

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

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