



# 120 kWh samsung sdi energy storage

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The TS 48 V lithium storage system offers outstanding flexibility and can be optimally adjusted to suit any application. Its cutting-edge prismatic lithium battery cells from Samsung SDI and innovative technology like the Active Battery Optimizer ensure outstanding efficiency and performance.

The system is designed to last 8,000 cycles or a lifespan of 30 years, guaranteeing excellent cost efficiency. Its modular construction makes exchanging individual battery modules a breeze, and the capacity can be expanded even years later.

With its continuous power of 1C, the TS 48 V storage system can charge and discharge in next to no time, making it ideal for professional use in commercial applications, agriculture and industry.

As a TESVOLT partner you will find all information about our products and offers in the Partner Portal. If you have any questions about this product or you are looking for an installer in your area - we are here for you!

All TS lithium storage systems are suitable for both off-grid and on-grid use and can be flexibly combined with any type of energy generator such as photovoltaic, bioenergy, wind power or diesel generators.

**PV-Diesel-Hybrid-Optimisation** TESVOLT solutions optionally adjust the power grid and balance generation and consumption peaks to keep the diesel generator in optimal operation, minimizing diesel costs

**Micro-Grid** Supplying a small power grid with or without connection to a public utility grid. A micro-grid consists of a battery storage system in addition to other generator systems and controllable consumers.

TS storage systems can be flexibly adapted to suit your application. Choose your desired capacity in 4.8 kWh increments. One Active Power Unit (APU) can control up to 16 battery modules. Three different racks are available as housing for up to five, eight or 10 battery modules. The 1-phase or 3-phase connection and the connected load determine the number of battery inverters required.

We offer numerous training sessions and seminars for our products in our Academy on the Partner Portal. Just sign up once and benefit from our comprehensive services as an installer.



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