Battery management system 340 kWh

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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 energy flows can be recorded, controlled and monitored second-by-second with the innovative TESVOLT energy management system – consisting of the TESVOLT Energy Manager and myTESWORLD portal. By setting individual operational strategies, you can combine a wide variety of applications and thus perfectly adapt the system to the needs of trade and industry.

The TESVOLT energy management system is available both as a free Basic version and as a fee-based Pro version with valuable additional functions, such as the multi-use feature and minute-by-minute data evaluation for even greater transparency.

Sites that are far from the utility grid, such as mountain huts, have until recently needed a diesel generator or combined heat and power unit to obtain a continuous power supply. Although these technologies can be procured relatively cheaply, their maintenance and operating costs are higher.

The TS-I HV 80 E can be combined with renewable energy sources such as photovoltaics or wind power to form a stand-alone system, thus providing an off-grid electricity supply that is not only greener, but also more cost-effective.

Because the TS-I HV 80 E allows the battery to be used in multiple ways concurrently, several operational management strategies can be combined: for example self-consumption optimisation (SCO), peak shaving (physical or RLPM) or time of use (TOU) and many more.

The storage system can be configured as needed, with the ability to define a specific storage range for each use case. This maximises the storage system’s service life, meaning that investments will pay for themselves sooner.

Power outages are a crucial consideration for many businesses. Ventilation, heating, cooling and production machines cannot be allowed to go idle, as this risks causing economic losses. Often, emergency diesel power generators are installed as a backup, but these incur high fuel and maintenance costs, as well as generating noise and emissions.

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Web: https://hollanddutchtours.nl/contact-us/
Email: energystorage2000@gmail.com
WhatsApp: 8613816583346