

Site hoppecke com hoppecke solar batteries

The increasing use of regenerative energies increases the importance of energy storages since a coupling between the fluctuating energy generation and energy demand is necessary. Here our reliable energy storage systems ensure continuous energy availability, precisely when it is needed.

In many regions of the world there is no or only an unstable infrastructure for power supply. Especially in Asia and Afrika, the energy of the sun is ideal to enable a self-sufficient energy supply in these cases. Here HOPPECKE batteries are used to store the regenerative energy and, in this way, realize an off-grid power supply in villages or individual building complexes.

In contrast to batteries for emergency power supply, which are fully charged and wait for their use, sun|power batteries must be capable of cyclic charging and discharging over the entire operating period.

For this demanding mode of operation, HOPPECKE offers lead-acid batteries in OpzS, OpzV and AGM design, which have been tried and tested over many years and are classified according to the battery photovoltaic standard IEC 61427. Each design has its own individual strengths and is suitable depending in the requested conditions.

We also offer energy storage solutions based on lithium-ion technology for applications such as increased self-consumption, charging infrastructures for e-mobility, peak shaving and grid services through our 100% sister company Intilion. The storage units offer high performance, are modularly expandable and can be adapted according to need.

Mobile energy solutions for the supply of the traction of devices, machines and vehicles used for transporting goods and tool as well as persons. (Exception railway and metro systems, see rail).

Stationary energy solutions for ensuring the supply quality of electrical supply grids, for securing the power supply of systems in case of malfunctions or failures in the grid, for the operation of emergency power lighting systems as well as for starting (emergency power) generators.

Stationary energy solutions for the increase of the self-usage of electrical energy from renewable energy sources in on-grid applications as well as for the development of off-grid power supplies.

Mobile energy solutions for securing the on-board electrical system of railway and metro systems, for starting diesel engines as well as for the electrical drive of traction engines.

power: energy storage technologies in the form of cells, blocks and modules powerpack: Battery units incl.

necessary accessories such as supports, connectors, plug connector system, end cable, etc.

Components from the fields: battery accessories (e.g. electrolyte level measurement and electrolyte circulation, recombiners), energy converters (e.g. charging devices, energy supply units), battery handling (e.g. racks, changing system) monitoring and management (e.g. data recording, battery and energy management)

The range of service includes demand-oriented offers such as spare parts, repairs, tests, revisions and maintenances. Other customer-specific services are proactive and preventive maintenance contracts as well as consulting and training. Full-Service models and technical system management.

Contact us for free full report

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